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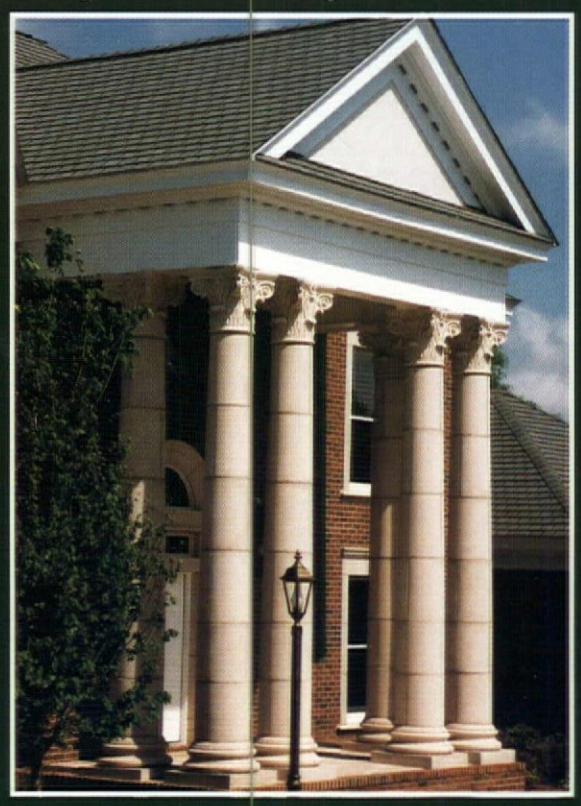


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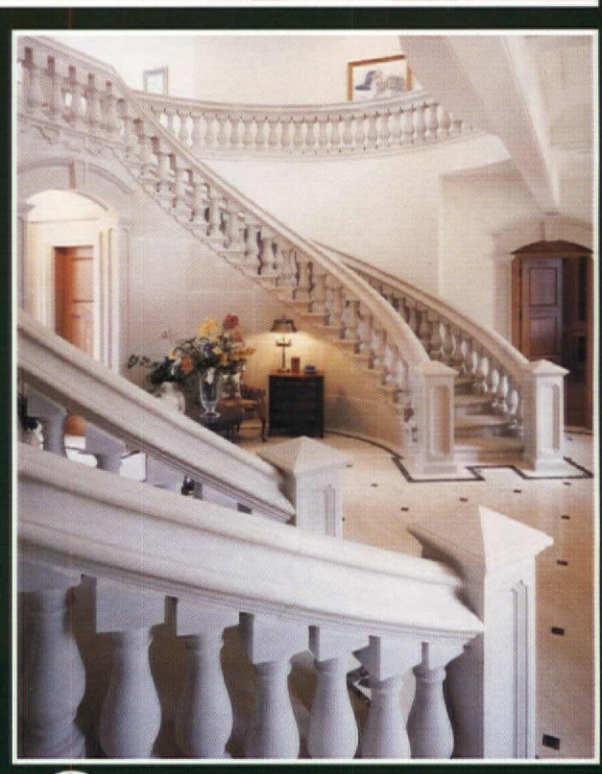
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Alan Hantman: Architect of the Capitol... and More

In January of this year, Alan Hantman became the tenth Architect of the Capitol. Does anyone really know what the Architect of the Capitol does? The answer is rather impressive.

by Kathleen Randall

Forget any romantic notions of a Howard Roark figure climbing the steps of the Capitol with a roll of drawings tucked under his arm. "Architect" is too simple a noun to encompass the management of 13 million sq.ft. of buildings and grounds in prime bureaucratic territory on a heavily traveled tourist route. Alan M. Hantman, Architect of the Capitol, is a registered architect, but it was his 32 years in project and property management that garnered him a Presidential appointment to the position in January.

In the landscape of blinding-white limestone monoliths and abundant equestrian statues called Washington, the Capitol complex is a concentrated swath of monuments and their outbuildings. The area overseen by Hantman and his staff is a city in miniature. In addition to the Capitol and the Supreme Court, buildings under Architect of the Capitol (AOC) jurisdiction include six principal Congressional office buildings, three Library of Congress buildings, the Federal Judiciary Building next to Union Station, several U.S. Botanic Garden structures, the William Taft Memorial Carillon, Capitol Police Headquarters, the Senate Child Care Center, the power plant, a sprinkling of underground parking garages, and 100 acres of storage facilities in Maryland. Tack on the grounds and streets connecting the core sites, and the little city image makes sense.

The title "Architect of the Capitol" begins to look hopelessly inadequate when you include some additional facts of the job: 2,034 full-time employees to oversee — from groundspeople to engineers; 535 bosses who play musical offices with each congressional election; and a handful of miscellaneous responsibilities, such as Coordinator of Civil Defense.

The AOC in Person

Alan Hantman projects an image of competence and control, which suggests that this job description does not daunt him in the slightest. Fit and sharply dressed, he looks well below his 55 years and scarcely weather-worn by years in a high-stress profession. When Hantman says, "I used to think that I wanted to write about the psychological aspects of architectural work," he persuades you almost without trying that working well with others is a deliberate focus and resulting strength of his character. This aptitude, coupled with the cost of raising a family, convinced Hantman to move toward development consulting and facilities management early in his career. He admits no regrets about the decision. "I've never been a design architect, so to speak. I've always been on the management and production side. My strengths lie in the ability to communicate, coordinate, and bring people together — and to do it in a sensitive way."

Prime Prerequisites

Hantman jumped from one little city to another. Prior to this appointment, he spent 10 years as Vice President of Facilities Planning and Architecture at Rockefeller Center in New York. For Hantman, a New York native, the path to Rockefeller Center was fairly straight and narrow. He received his architecture degree from City College of New York and his master's degree in urban planning from City University of New York Graduate Center. After graduation, he worked for several architectural design firms before joining Gibbs & Hill, a large A&E firm with close to 3,000 employees. Near the end of Hantman's 10-year tenure as Assistant Chief Architect at Gibbs & Hill, the firm did several projects as consultants to the development group at Cushman & Wakefield.



Alan Hantman started his tenure as Architect of the Capitol in February. He did, however, get a taste of life in Washington when he served as a consultant for President Clinton's inauguration. Here Hantman (right) takes in the festivities with Senator Warner (R-Virginia). *(Photo: Architect of the Capitol)*

When Hantman told his client, Cushman & Wakefield, that he was considering leaving Gibbs & Hill, the company made him an offer. Cushman & Wakefield just happens to be a wholly owned subsidiary of The Rockefeller Group, so Hantman's next move came naturally. His boss moved to Senior Vice President for Operations at Rockefeller Center and Hantman followed suit a couple of months later.

The Rockefeller Center Years

If the Capitol represents the ideals of democratic government in steel and stone, Rockefeller Center represents the ideals of corporate capitalism beautifully packaged. Hantman was part of a team that ran day-to-day operations at the Center, but he also managed over $300 million in renovation and restoration projects carried out on the historic exteriors and interior public spaces. This included oversight of a Preservation Master Plan to determine levels of importance of each element of building fabric and establish guidelines for consistency and sensitivity in the renovation work. Because the buildings are National Historic Landmarks, the owners were applying for federal tax credits for historic preservation. For Hantman, this meant carefully documenting that all work met or exceeded the Secretary of the Interior's Standards.

The Rockefeller Center and Capitol positions have many similarities and one big difference, according to Hantman. "Rockefeller Center involved issues of security, egos, budgets, historic landmark structures, the integration of art and architecture, millions of visitors, and maintenance from the roofs down to

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Hantman oversees 13 million sq.ft. of buildings spread out over 273 acres, including the Capitol, Supreme Court, six principal Congressional office buildings, three Library of Congress buildings, the Federal Judiciary Building next to Union Station, several U.S. Botanic Garden structures, the William Taft Memorial Carillon, Capitol Police Headquarters, the Senate Child Care Center, a power plant, and underground parking garages. *(Photo: Architect of the Capitol)*

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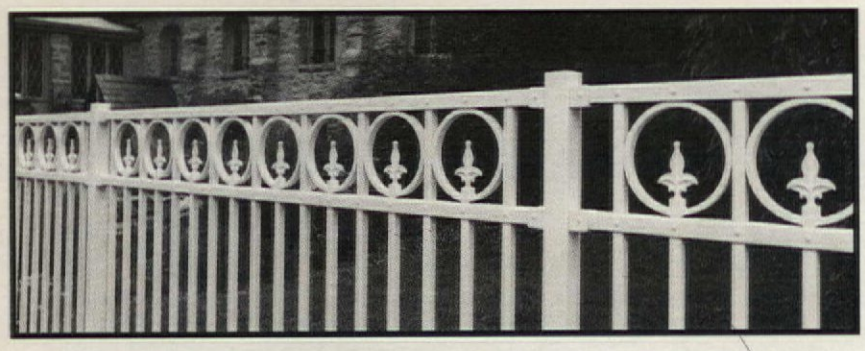
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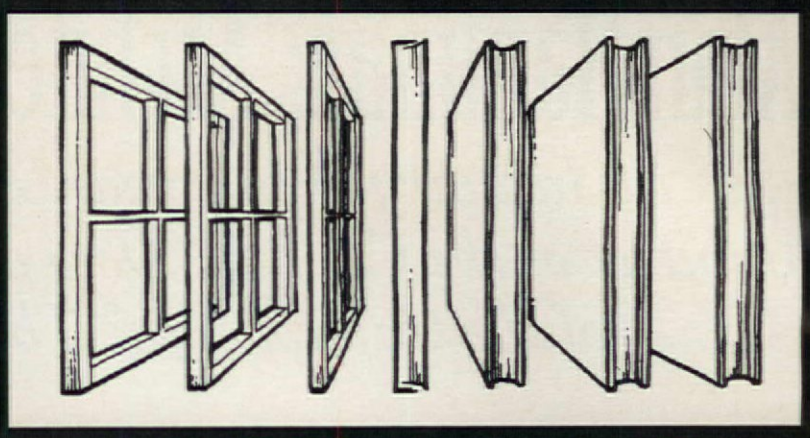
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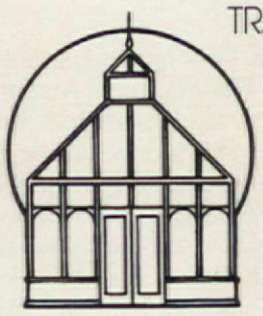
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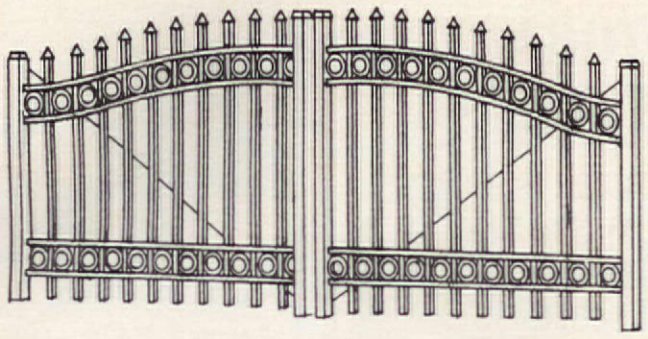
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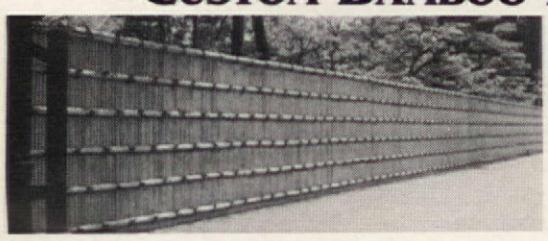
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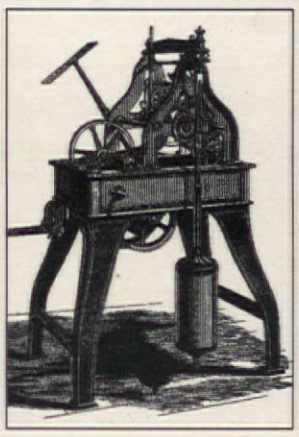
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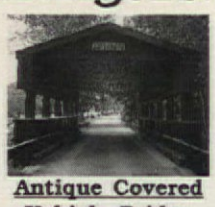
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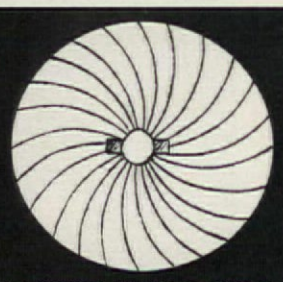


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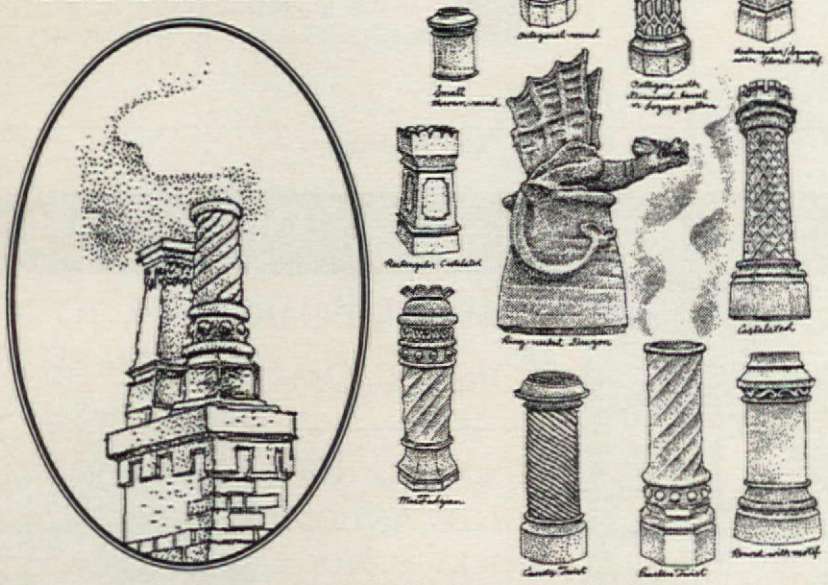
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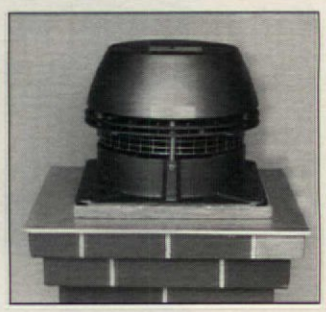
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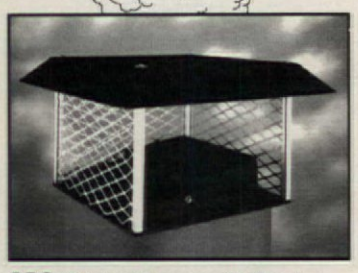
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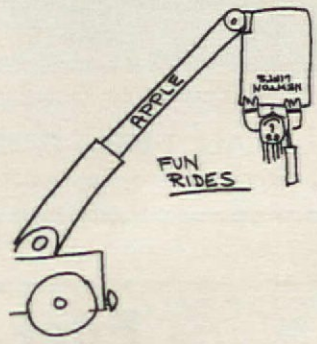
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A Specifier's Guide to Chimney Lining Systems

The tasks we ask chimneys to perform seem quite simple: Conduct smoke out — not into — the house, and prevent hot combustion gases from setting the house on fire. However, when we want to reline an old masonry flue to make it safe for modern usage, there the simplicity ends.

by James R. Marshall

Why should a flue be lined at all? Many older houses have simple brick-and-mortar flues without lining — clay tile liners became common only fifty or so years ago. However, there are several reasons for lining: most obvious, a properly lined flue allows the smoke and combustion gases to be vented safely to the atmosphere without leaking into the home. In the event of a chimney fire, a liner can prevent the flames from penetrating any voids or cracks in the masonry flue wall; in a chimney fire or overfiring situation, the liner also reduces overheating of the outside of the chimney, thus reducing the threat of fire in adjoining wood. A liner can also help resize a flue for optimum performance of the heating system — an oil-fired unit needs a flue big enough to carry away forced draft gases; a gas unit needs a flue that is not only the right size, but also one that is adequately insulated.

With newer high-efficiency heating units, the flue gases exit much cooler than in older systems. This means considerably more condensation can form inside the flue. With a high-efficiency gas appliance, the condensate is a clear liquid, often rendered acidic by chlorides from the air; coal or oil can contain sulfur that also produces corrosive condensates. Cooling in a wood-fired system's flue can cause increased creosote formation, which can block the flue and increase risk of chimney fires. Proper linings can resist these acids, and insulation can keep the gases warmer, thus reducing condensation.

When considering a flue relining, we must first look carefully at the old flue to find out such things as size, cross-sectional shape, whether it has offsets, whether it has clearance from the building structure, and its actual state of deterioration to determine whether the flue needs relining or insulation, and if so, what kind. A thorough inspection involves examination inside and out, from the roof and from the interior via the clean-out door or stovepipe thimble. There are now video inspection systems available for flues.

We must also look at the type of fuel and heating system the flue serves. The National Fire Protection Association (NFPA) has produced a chimney standard — NFPA 211 — that requires, among other things, an annual inspection and flue lining with a listed or approved material. Underwriters Laboratories has developed a standard — UL 1777 — for metallic and masonry flue liners, which includes temperature tests, thermal shock, freeze/thaw, acid resistance, and rain entry. In early 1990, UL added tests to allow chimney liners to be tested and listed under UL 1777 for chimneys that have zero clearance to combustible materials, a situation that exists in older homes built before codes required a clearance or where code enforcement has been lax. Local codes may or may not include these NFPA and UL standards.

Once a decision is reached to reline the flue, the first steps are to carefully select a reputable and experienced contractor. Then we must determine how best to do the job.

There are three basic approaches to relining old flues:

- Open up the existing masonry and insert clay-tile liners;
- Use a poured-in-place cementitious liner;
- Use a flexible stainless-steel liner inserted into the old flue.

Each has its advantages and limitations. We asked suppliers of each type to assess their products, compare them with the other types, and suggest hints for the specifier or client to use when selecting a chimney relining system. Here's what we found:

Clay Tile Liners

This is the old and traditional method that has been around for some time; indeed, until recently, it was the only method sanctioned by the building code in New York City, where 19th-century chimneys abound. Clay liners are still popular for new construction. However, it can be messy and expensive to install these liners in an old flue because it may be necessary to rip open the existing masonry to get at the flue cavity. It is essential to have this process done by skilled masons experienced in fireplace and flue work.

According to Richard Brandt, Executive Vice President of Logan Clay Products Co. of Logan, Ohio, both clay liners and their installation methods are much improved over what they were thirty years ago. And, there is a much higher degree of standardization in design. The liners themselves are fired to a higher temperature today, thus making them more resistant to moisture absorption. Furthermore, it's not always necessary to open up the flue, thanks to improvements in the design of devices for lowering the tiles into place. Clay liners are flexible, according to Mr. Brandt, in that they can be used for either wood or gas-fired fireplaces. Most applications are for residential situations, and standard tiles are available in sizes ranging from a 4-in. round to a 24-in. square. As for cost, Mr. Brandt says his company's product can compete dollar for dollar with the other two systems for either renovations or new construction. Some industry observers suggest, however, that masons may bid high on a tile-relining job because of the difficult work involved.

It may turn out spending all that money on a relining job isn't necessary after all, according to Leslie Sandkuhl, President of Sandkuhl Clay Works, Spencerville, Ohio. If the flue has only a few simple cracks, he notes, relining may not be needed — thermal expansion may very well close them when the flue is in service. If, of course, there are chunks falling off or about to fall off, you do have a problem.

Mr. Sandkuhl agrees that relining an old flue with clay tiles can be complex, particularly if there are offsets in the flue, or old tiles must be knocked out. But he too points out recent improvements, such as high-refractory clay blends and placement tools that expand in the tiles and allow them to be lowered accurately into place. Ends of the tiles are buttered with refractory mortar before placement; round flue tiles have male and female ends. Sandkuhl offers a wide range of standard-size tiles from 4-in. rounds to 24-in. squares. He cautions that custom-sized tiles would be prohibitively expensive.

Mr. Sandkuhl also warns about the effects of differential thermal expansion and contraction in flues; clay tiles should never be installed tight to the brick, he warns, and suggests that expansion may be a problem with poured-in-place systems and so-called zero-clearance systems where a steel pipe runs through a wooden chase. Finally, he maintains that a masonry flue adds both structural and architectural integrity to a house.

Poured-In-Place Cementitious Liners

With this type of system, flues — either old or new — are lined with a setting cementitious material put in place by using a moveable mold inside the flue. Variations are based on the kind of mold used.

One such system is the "bell system," offered through a national dealer network by Ahrens Chimney Technique, Inc., of Sioux Falls, S.D. Monte Lutz, Ahrens' General Manager, describes the process as follows: A bullet- or torpedo-shaped bell is lowered via a winch and cable to the bottom of the flue to be lined, with the cone pointing upward. The bell is made of 3/16-in. steel and has a vibrator inside. A lightweight, zero-slump insulating-concrete mixture is poured in on top of the bell, which is winched up through it with the vibrator operating. The bell's shape produces a wedging effect, according to Mr. Lutz, which forces the mixture into place and fills in any cracks or imperfections in the flue. The pour-pull cycle is repeated until the bell reaches the top of the flue and is removed. The result, according to Mr. Lutz, is a properly sized flue with a 1-1/2-in. insulating lining. Next, a second coating of a proprietary glazing compound is sprayed on to a thickness of about 1/8 in.; this provides resistance to acids, moisture, and cleaning brushes.

Ahrens is the only company to offer this second coating, according to Mr. Lutz, who likens it to the added protection provided by painting a house. The installation is allowed to cure for three days to a week and is then suitable for any fuel combustion — gas, oil, wood, or coal. It meets the UL 1777 standard for flue relining materials.

One advantage of the bell system, according to Mr. Lutz, is its versatility. It can be used for multiple-flue situations and for flues with offsets. (The bell is only about 16-in. long for an 8-in. dia. and is guided by the cable.) For rectangular cross sections, oblong bells are used; they are available in 1/8- or 1/4-in.-size increments. Ahrens has hundreds of rental bells available, or can make a custom size or shape. The advantage to the bell system that most impresses restoration professionals, Mr. Lutz observes, is that the process does not exert strong pressure on fragile old flues for any significant time.

The Ahrens Bell system is available only through authorized dealers, and can be installed only by those who have taken a one-week training program in Sioux Falls. Cost is competitive with other systems, says Mr. Lutz, who estimates that cost on the East Coast for a typical 28- to 30-foot relining of an 8-in. flue would run about $1,800-2,000 for the flue alone.

Another approach to poured-in-place linings is the inflatable rubber form system. This system was developed in England about 30 years ago, and introduced in the U.S. in 1979, according to Fred Howes, owner of North American

continued on the following page

Supaflu Systems of Scarborough, Me. In the Supaflu process, the old flue is first stripped of its lining to the brick. Then an inflatable rubber form sized to fit the flue is inserted; the form, when inflated, expands to conform closely to the flue. Next, a liquid mix that sets to a lightweight cementitious refractory is pumped between the form and the interior walls of the chimney. When the material is set, the form is deflated and removed. The result is a lining that seals all cracks and openings, strengthens the structure, meets applicable codes, and is suitable for all fuels. Forms are available in various sizes to meet most applications. Chimneys up to about 30 ft. high can be lined in one pouring; taller ones will require stage pours.

Supaflu manufactures its lining mix at its plant in Maine. The formulation is the same today as the one originally imported from England. When set, the material has high tolerance for freeze/thaw cycles, Mr. Howes notes, and it is acid resistant, making it suitable for high-efficiency burner systems. The material also has one of the highest R factors available in liner systems, Mr. Howes claims, which makes it a good insulator for low- or zero-clearance installations. The Supaflu system is recognized by most state building codes, he adds, and is accepted in New York City. The system also meets the UL 1777 standard — for a zero clearance to combustibles.

Comparing Supaflu with other systems, Mr. Howes points out that Supaflu contains no admixtures, such as plasticizers that may adversely affect R value. For rectangular flues, two forms are put side-by-side. As for cost, Supaflu is competitive with most other options, Mr. Howes notes. Compared with stainless, Supaflu has less material cost, but can have higher labor cost, depending on local conditions.

The Supaflu system is installed only by authorized contractors who have completed the training and certification program conducted by the company in Maine. Supaflu has over 100 dealers in the U.S. and Canada, primarily in the East.

Stainless-Steel Liner Systems

With this approach, a flexible stainless-steel liner is inserted in the old flue, with the type and configuration depending on the fuel to be used and the condition of the old flue. Tom Burns, Sales Manager for ProTech Systems of Albany, N.Y., says that for wood or pellet fires, a titanium-based stainless steel such as 321 grade, designed for jet afterburners and therefore most resistant to high temperatures, should be used. This is the material supplied by ProTech in its Ventinox Hi-Flex liner systems for lining flues that serve wood-burning fireplaces or stoves.

For gas or oil systems, ProTech supplies its Ventinox VG system, which uses AL29-4C, a patented Allegheny Ludlum grade of stainless. It is the stainless-steel formulation most resistant to corrosion in this type of application, according to Mr. Burns. The VG system is the product of choice, he adds, for today's higher-efficiency burners, whose flues are subject to condensation and deposition of such corrosive salts as chlorides and sulfates.

The Ventinox system includes a 0.007 thickness continuously welded stainless-steel pipe corrugated in a spiral for flexibility and to allow for thermal expansion and contraction. Where the old flue has offsets, the Ventinox system can bend sharply, and the liner can be pulled down from below using a guide cone.

For a zero-clearance situation, or where clearance is not reliably known, the Ventinox system can be installed with either a TherMix portland-cement-vermiculite insulating system that adheres to the chimney walls and seals cracks, or with a ProFoil ceramic wrap system that wraps directly around the liner. The latter approach is preferred for applications where the gap between chimney and liner is large.

As for cost, Mr. Burns says that clay tile liners are the least expensive, but are difficult to install in an existing flue; poured-in-place and stainless systems are roughly equivalent in cost, with poured-in-place having lower material, but higher labor costs, and vice versa for the stainless system.

The Ventinox system is sold through chimney-supply and HVAC dealers and can be installed by any good mechanic or plumber, Mr. Burns adds. It is available in 3-in. to 12-in. diameters and in various lengths, depending on the diameter; it can be ovalized to fit a particular chimney chase. The company also supplies a variety of auxiliary components, such as tees, elbows, and rain caps. ■

James R. Marshall was trained as a chemical engineer, which explains his interest in the various materials of construction used in today's chimney lining systems. Now an independent consultant, Marshall's career also includes more than two decades in the environmental field.

CHIMNEY INSPECTIONS

By Monte Lutz, Ahrens Chimney Technique, Inc.

Step 1: It All Starts in the Basement! A chimney is only as good as its foundation. Determine that the foundation is stable and not shifting or crumbling. Extensive vertical cracking of the bricks is a warning sign. If it is an exterior chimney, the quality of the base can often be judged indirectly. If the chimney base does not extend below the frost line or to undisturbed earth, the chimney can lean and pull away from the house. Bring a hammer with you and tap lightly on the brick. A sharp ringing sound indicates sound brick. A dull thud tells you that the brick has started to deteriorate.

Is the mortar intact and hard, or can you put a knife right through it? Are the flues lined? Is there a cleanout door for each flue and ash pit? With a mirror and strong light you can look up through the cleanout door or thimble to evaluate the chimney interior. Does the flue need to be cleaned? The primary cause of chimney deterioration in the basement is the long-term accumulation of soot, creosote, or ashes. Add moisture, and it forms a very corrosive material that can destroy bricks and mortar.

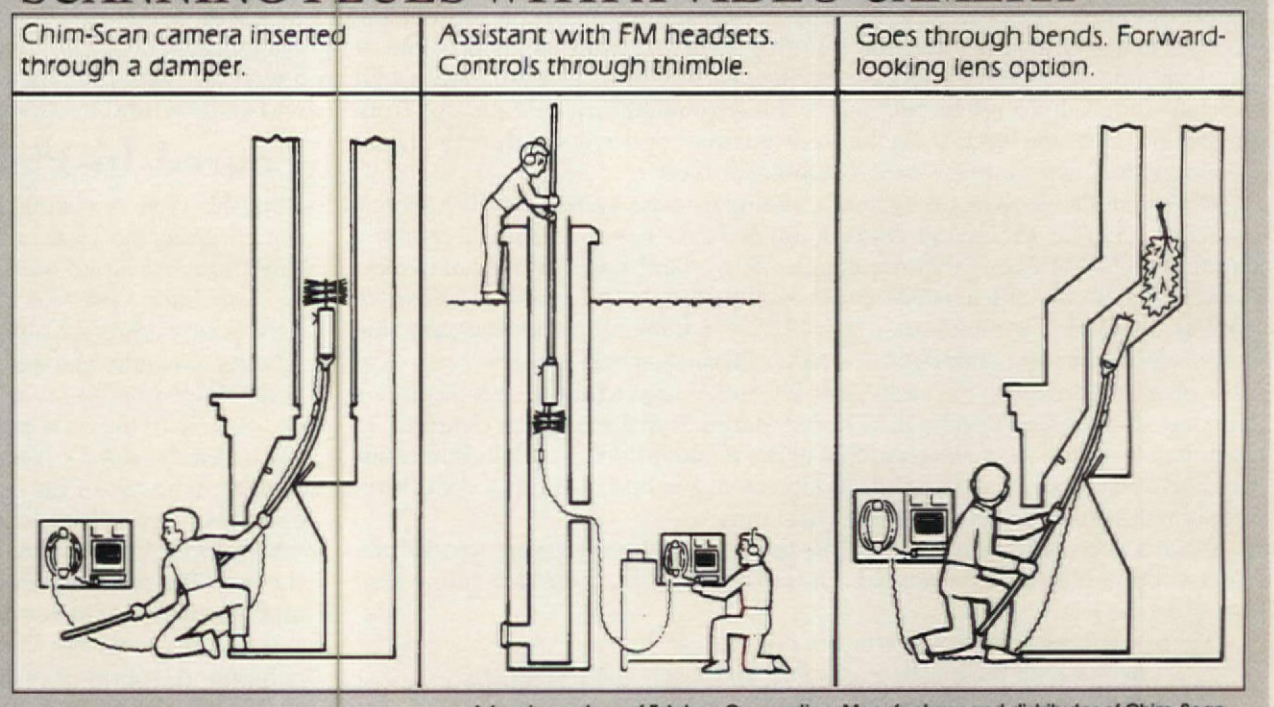
Step 2: The Living Space. The most common problems in this area are unused thimbles or breaches that are not properly bricked up. They may have been plugged with a metal "pie plate." This is never safe because flue gases can easily leak past — and in a chimney fire this "pie plate" can blow out, allowing fire into the room. Often, dangerous old thimbles are covered with wallpaper (look for bulges in the wall). Thimbles that are being used through combustible walls should have at least 12 inches of brick on all sides.

In a fireplace, look for deteriorated brick in the firebox. Is there wood too close to the fireplace opening? Is the hearth extension deep enough? Is there a damper, and does it open and close properly? Is the damper rusted? Is the flue properly lined? Is the flue size correct? Does it need cleaning?

Step 3: The Attic. Does the chimney go straight up, or does it offset to one side? If it is offset, is the chimney self-supporting, or is it held up by the roof or other improper means? Are there vertical or diagonal cracks in the chimney? Is creosote or soot leaking through the mortar joints and running down the side of the chimney? This indicates liner problems. Check for soundness of the brick and mortar in this region, especially just below the roof line. This is a common place for problems. Staining on the underside of the roof may indicate a leak in the flashing.

Step 4: Above The Roof. Many problems can be observed from the ground, such as excessive leaning and missing brick or mortar. For a more complete analysis, a trip to the roof is necessary (observe proper safety rules!). Is flashing properly installed? Check the mortar conditions. Note any cracking of the chimney. Are there loose bricks? What is the condition of the crown? Look down the chimney and observe the liner for cracks, obstructions, or other problems.

SCANNING FLUES WITH A VIDEO CAMERA



Artwork courtesy of Estoban Corporation, Manufacturer and distributor of Chim-Scan

Video Scanning. The latest tool in the world of chimney safety is a special video-camera system that allows you to look at the inside of a chimney flue from as close as one inch away. At this distance, cracks, holes, and missing refractory are plainly visible. Video scanning eliminates the unknown when evaluating a chimney flue for safety defects. For a tall straight flue, or a flue with an offset, the video camera is the only way to get visual proof of the chimney condition.

If chimney defects are found, or you have other questions, consult a qualified chimney professional.

This article is adapted from an issue of the "Ahrens Update," a newsletter published for professionals needing technical information about chimneys. For more information about the newsletter or other Ahrens chimney services, contact the company (see SourceList on p. 12).

Tomorrow's Technology Today

LOCK-TOP DAMPER



The fireplace damper/rain cap improves fireplace performance.
Cleaner burns reduce pollution!

The Ultimate Fireplace Damper

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LOCK-TOP installs on top of the chimney where a fireplace damper should be! It locks shut the top of your chimney keeping your fireplace and chimney warm, dry and secure between fires. Fireplace performance improves and cleaner burns reduce pollution.

LOCK-TOP seals out pest and weather problems. It's the simple, low-cost solution to replacing rusted, worn-out throat dampers; reduces load on air-conditioners and dramatically reduces noise from the outside.



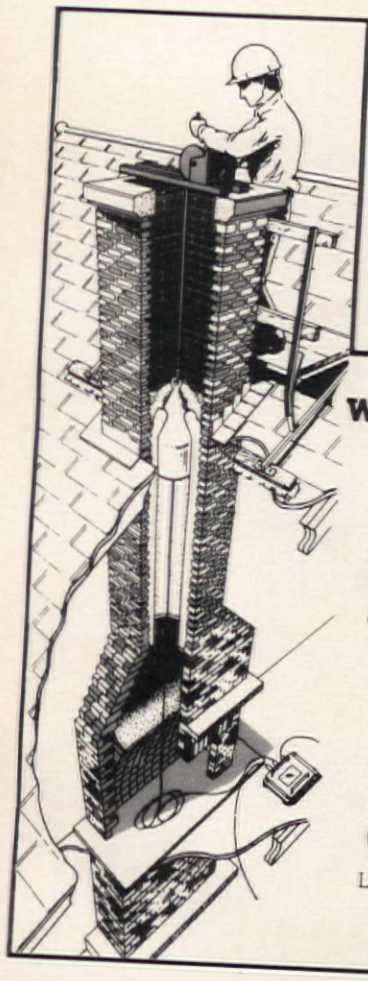
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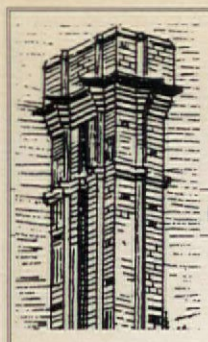
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"When contacting companies you've seen in the issue, please tell them you saw their listing in Traditional Building."
— The Editors

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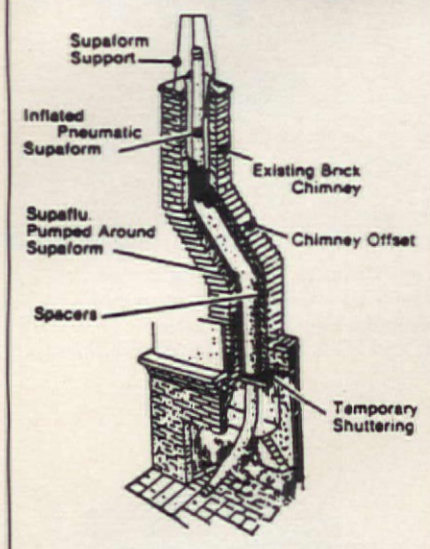
TRADITIONAL BUILDING's CHIMNEY RESTORATION *SourceList*

CSI# 04900

COMPILED BY LAURA R. ALLEN

COMPANY	SPECIALTY	Literature	Specialty Brick	Flue Linings	Chimney Caps	Chimney Pots	Chimney Fans	Dampers	Refractory Materials	Chimney Restoration	Other
Ahrens Chimney Technique, Inc. 2000 Industrial Ave., Dept. TB Sioux Falls, SD 57104 800-843-4417; Fax: 605-335-1525	A full range of chimney-restoration services, from chimney relining to minor tuckpointing; work through a national dealer network. Supplies chimney and masonry products, tools, and consultation services. Lining systems UL-listed.	Free Write in No. 2440		✖	✖	✖		✖	✖	✖	
Belden Brick Co. 386 Park Ave. S., Ste. 801, Dept. TB New York, NY 10016 212-686-3939; Fax: 212-686-4387	Supplies specialty brick, including pavers, architectural shapes, thin brick, face brick, glazed brick, plus hand-molded, wood-molded, extruded, and water-struck brick. Also, terra-cotta ornament and architectural concrete.	Free	✖	✖	✖	✖		✖		✖	
Cathedral Stone Products, Inc. 8332 Bristol Ct., #107, Dept. TB Jessup, MD 20794 800-684-0901; Fax: 800-684-0904	Jahn restoration-mortar manufacturer. Compatible patching mortars for the repair of any masonry surface. Cementitious, non-polymer mortars are breathable at any thickness, easy to apply. Standard and custom colors available.	Free Write in No. 9580									Mortars
The Chimney Pot Shoppe (MBE) 1915 Brush Run Rd., Dept. TB Avella, PA 15312 412-345-3602; Fax: Same as phone	Major importer of antique chimney pots (from 1850s on); plain, ornate, glazed, and unglazed; selection of English and American pots with functional and ornamental uses.	Free Write in No. 410				✖					
Chimney Savers 6-11 Ilene Ct., Dept. TB Belle Mead, NJ 08502 908-359-7798; Fax: 908-359-7182	Specializes in the restoration and relining of existing masonry chimneys using Solid/Flue pumped masonry chimney lining. Company has restored numerous historic structures, such as Gracie Mansion.	Free Write in No. 8530		✖						✖	
CopperCraft, Inc. 2143 Joe Field Rd., #100, Dept. TB Dallas, TX 75229 800-486-2723; Fax: 972-484-3008	Use traditional metalworking skills and modern technology to provide high-quality architectural sheetmetal products: spires, finials, weathervanes, dormers, cupolas, conductor heads, cornices, cladding, chimney caps, canopies, and more.	Free Write in No. 1490			✖						
Copperworks of Don Miller 206 S. Thomas, Dept. TB Orange, CA 92869 714-633-9308; Fax: 714-633-9308	Original raingutter art designed & produced by Don Miller; bronze gutter & downspout brackets. Custom chimney caps; will sell pattern sets to the experienced sheetmetal mechanic for six styles of ornate chimney caps.	Free Write in No. 2000			✖						
Exhausto, Inc. P.O. Box 720651, Dept. TB Atlanta, GA 30358 800-255-2923; Fax: 770-587-4731	Top-mounted chimney-draft fans designed for high-temperature applications. Handles exhaust gases from all types of fuels. Essential for undersized and relined chimneys where flue cross-section has been reduced below optimal size.	Free Write in No. 5670					✖				
Fireplace Technologies, Inc. 486 Roberts Ave., Dept. TB Louisville, KY 40214 502-366-7363; Fax: 502-366-7273	Manufacturer of the Lock-Top damper. Stainless lid serves as chimney cap in open position. Opens and closes by high-grade stainless-steel spring system. Available in 6 standard flue sizes; easily adapts to round. Non-restrictive.	Free Write in No. 308			✖			✖		✖	
International Chimney Corp. P.O. Box 260, Dept. TB Buffalo, NY 14231 716-634-3967; Fax: 716-634-3983	Chimney design, construction, repair, and demolition; installation of all appurtenances.	Free	✖		✖				✖	✖	
Logan Clay Products Co. P.O. Box 698, Dept. TB Logan, OH 43138 800-848-2141; Fax: 614-385-9336	Supplies high-quality clay flue liners that meet all building codes. Also offers firebrick and a range of decorative terra-cotta chimney tops.	Free	✖	✖		✖			✖		
Lyemance International PO Box 505, Dept. TB Jeffersonville, IN 47131 812-288-9953; Fax: 812-283-3692	Cast-aluminum top-mounting fireplace damper for new or old fireplaces. Product covers terra-cotta flue liner in dimensions of 8x8, 8x17, 9x13, 13x13, 12x16, 13x18, 17x17, and 12 in. round, or can be adapted for smaller flue liners.	Free Write in No. 5120			✖			✖			
Missouri Stove & Chimney P.O. Box 307, Dept. TB Sparta, MO 65753 417-278-3320; 417-634-4953	Chimtek high-temperature masonry chimney system features a double lining for safer, more-efficient operation. Used in new construction as well as to reline existing chimneys.	Free Write in No. 283		✖						✖	
North American Supaflu Systems P.O. Box 2350, Dept. TB Scarborough, ME 04070 800-788-7636; Fax: 207-885-0561	Provides chimney restoration and repair services through a network of authorized Supaflu Contractors. Cementitious cast-in-place lining system is listed by ITS and provides a one-piece, corrosion-resistant liner that strengthens and insulates. Lifetime warranty.	Free Write in No. 5290		✖						✖	
Northern Roof Tile Sales 4408 Mile Strip Rd., Ste. 266, Dept. TB Blasdell, NY 14219 905-627-4035; Fax: 905-627-9648	Hand-formed terra-cotta chimney pots in standard or custom designs made to order to suit specific flue size and shape — and any chimney height. Custom replications a specialty.	Free Write in No. 3490				✖					
Old Carolina Brick Co. 475 Majolica Rd., Dept. TB Salisbury, NC 28147 704-636-8850; Fax: 704-636-0000	Company manufactures solid brick, hand-molded and then fired with coal to provide the bisques and unique colors identical to those seen in brick made over 200 years ago. Line of more than 20 different styles; custom work also done.	Free	✖		✖					✖	
Pine Hall Brick P.O. Box 11044, Dept. TB Winston Salem, NC 27116 800-334-8689; Fax: 910-725-3940	Products include pavers, face brick, special shapes, interlocking clay pavers: English Edge, which features beveled edges with spacer nibs, and Old Towne, which has textured edges and antique color.	Free	✖	✖	✖	✖		✖			
Polymeric Systems 723 Wheatland St., Dept. TB Phoenixville, PA 19460 800-228-5548; Fax: 610-935-7123	Instacrete hand-mixable epoxy putty; sets rock-hard in minutes; used for patching, anchoring, sealing, and re-pointing.	Free Write in No. 5947									Epoxy for masonry
Preservation Products, Inc. 221 Brooke St., Dept. TB Media, PA 19063 800-553-0523; Fax: 610-891-0834	Supplies Acry-Max restoration and preservation systems for historic metal roofs; durable weatherproof membrane can be used as complete roof system or for repair; can also be used on asphalt, wood, masonry, and other substrates.	Free Write in No. 8180								✖	Masonry sealants
ProTech Systems/Ventinox 26 Gansevoort St., Dept. TB Albany, NY 12202 518-463-7284; Fax: 518-463-5271	Supplies Ventinox chimney lining systems; continuously welded, airtight flexible liners fabricated from titanium-stabilized stainless steel. Surface is acid-resistant and non-porous. U.L. listed.	Free Write in No. 5940		✖							
Sandkuhl Clay Works 05536 Kossuth-Amanda Rd., Dept. TB Spencerville, OH 45887 419-647-4131; Fax: 419-657-2901	Manufactures clay flue liners and other masonry-chimney accessories, including square & round flue liners, offsets, saddles & thimbles, fire brick, fire clay, refractory mortar, dampers, and handmade chimney tops.	Free		✖	✖	✖		✖	✖		Rain guards, air kits
Woodmart P.O. Box 45, Dept. TB Janesville, WI 53547 608-752-2816; Fax: 608-752-7691	Manufacturer of chimney and flue brushes made of steel or polypropylene.	Free									Chimney brushes

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M80 Anchor-Setting Mortar
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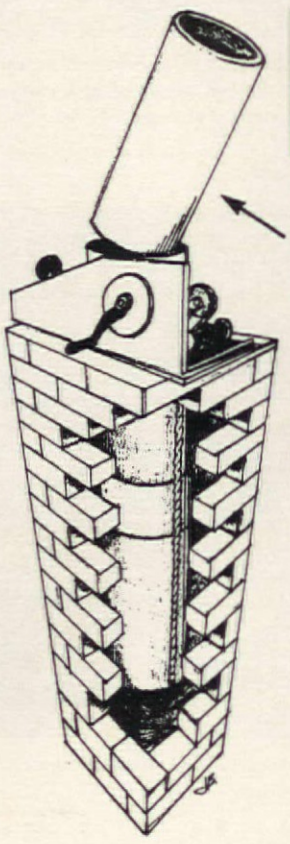
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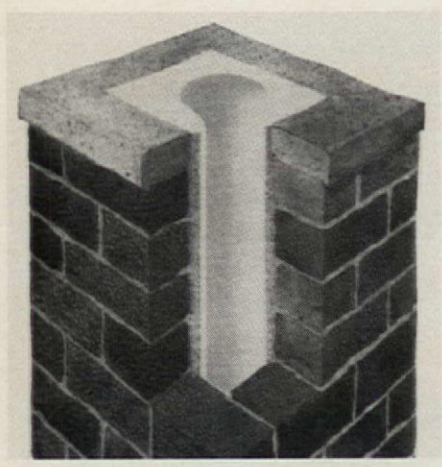
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CHIMNEY RESTORATION PORTFOLIO

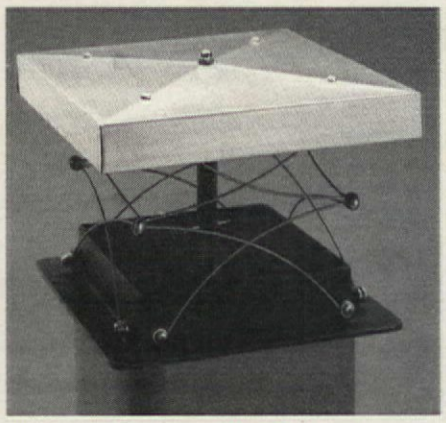
For more information on these companies, consult the SourceList on page 12.



COPPERWORKS OF DON MILLER makes available several different styles of chimney caps. Pictured here is the "Gothic," a custom design that is sold as a sheetmetal-pattern set from which the cap is produced to fit the individual chimney size. *Write in No. 2000*



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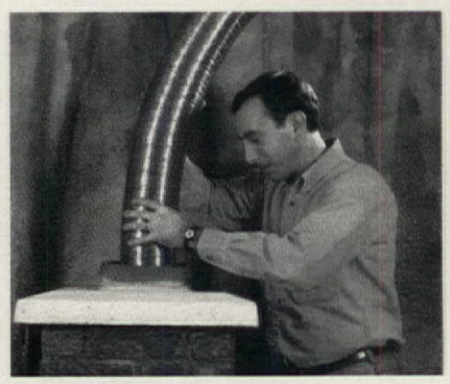
Two chimney fans from EXHAUSTO can be seen mounted atop a pair of restored fireplace chimneys — on the West Wing of the White House in Washington, D.C. The fans increase the draft on poorly drawing chimneys. *Write in No. 5670*



A veritable army of antique chimney pots has been mustered by THE CHIMNEY POT SHOPPE (MBE); they offer a range of visual styles, all ready to stand guard atop chimneys of any vintage. *Write in No. 410*



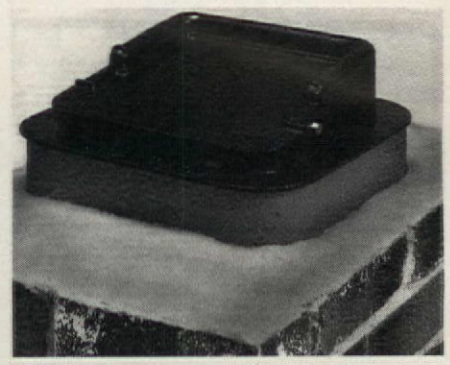
The delightful dragon-themed chimney pots from NORTHERN ROOF TILE SALES CO. bring a touch of the fantastic to a house's roofline. *Write in No. 3490*



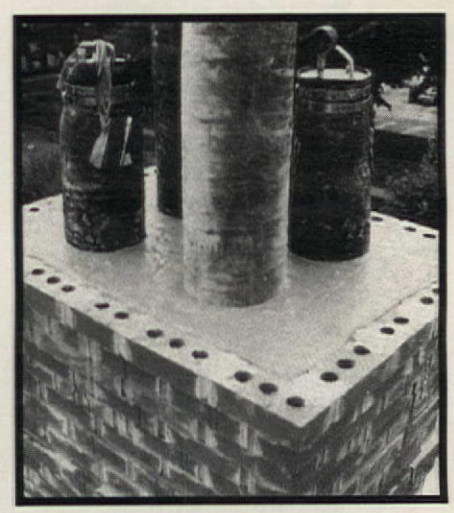
The Ventinox chimney-lining system from PROTECH SYSTEMS, INC., is a seamless, stainless-steel flue liner that easily navigates twists and turns in the chimney. *Write in No. 5940*



The "Chimtek" flue-lining system, in which a secondary liner is poured around a new flue, is available from MISSOURI STONE & CHIMNEY. *Write in No. 283*



LYEMANCE's top-sealing fireplace damper, made of die-cast aluminum, is easily installed on a chimney top and will reduce heat loss and prevent downdrafts. *Write in No. 5120*



With the "Solid/Flue" proprietary process from CHIMNEY SAVERS, the damaged liner of this chimney was effectively repaired. *Write in No. 8530*



Chimney caps from COPPERCRAFT provide the last word in flue protection for this stately building. *Write in No. 1490*

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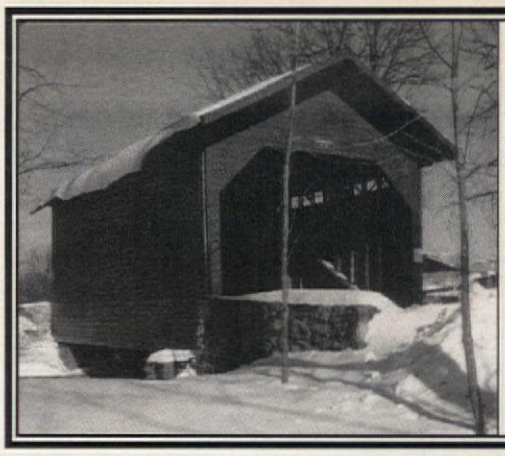
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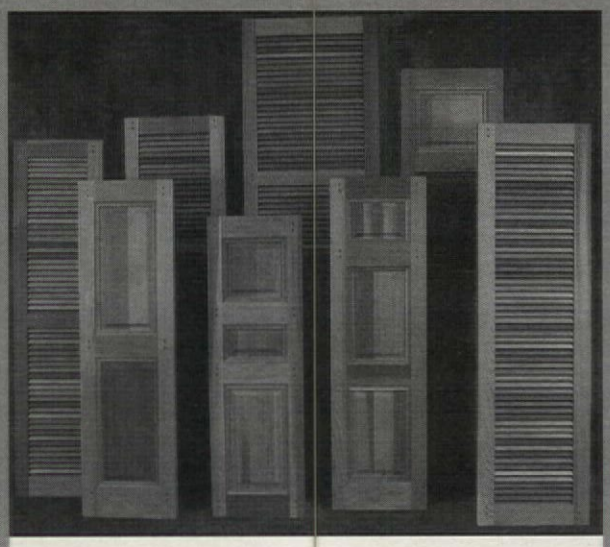
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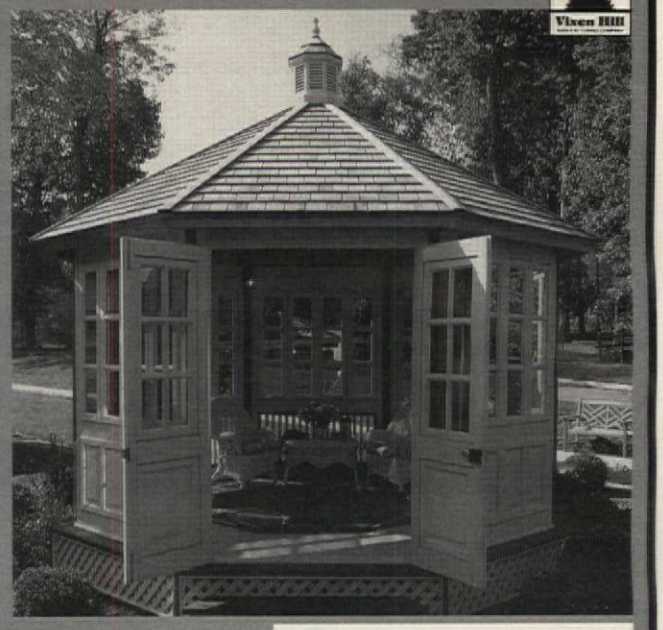
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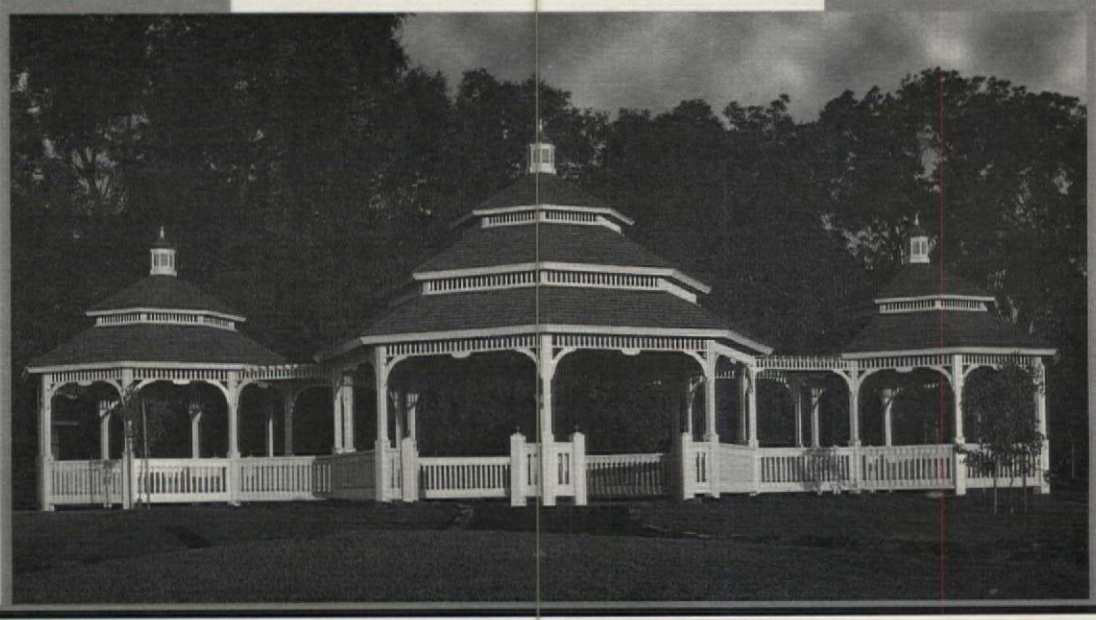
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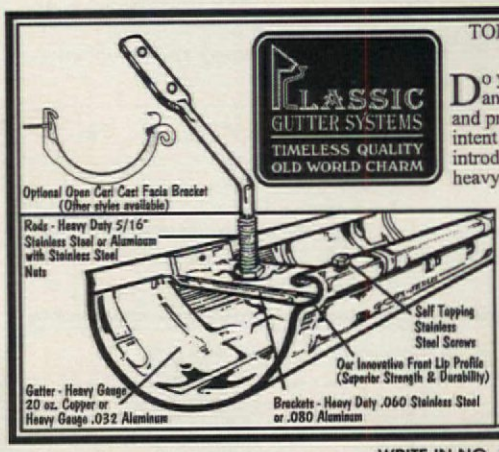
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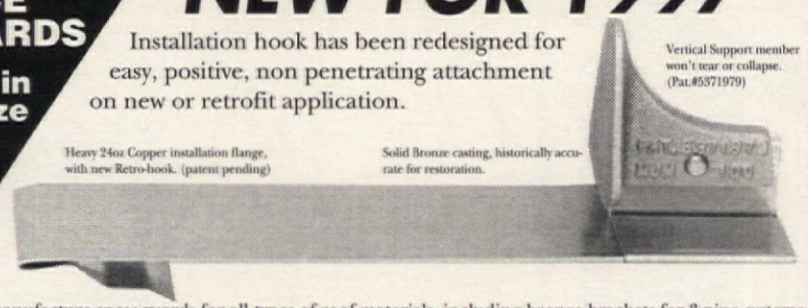
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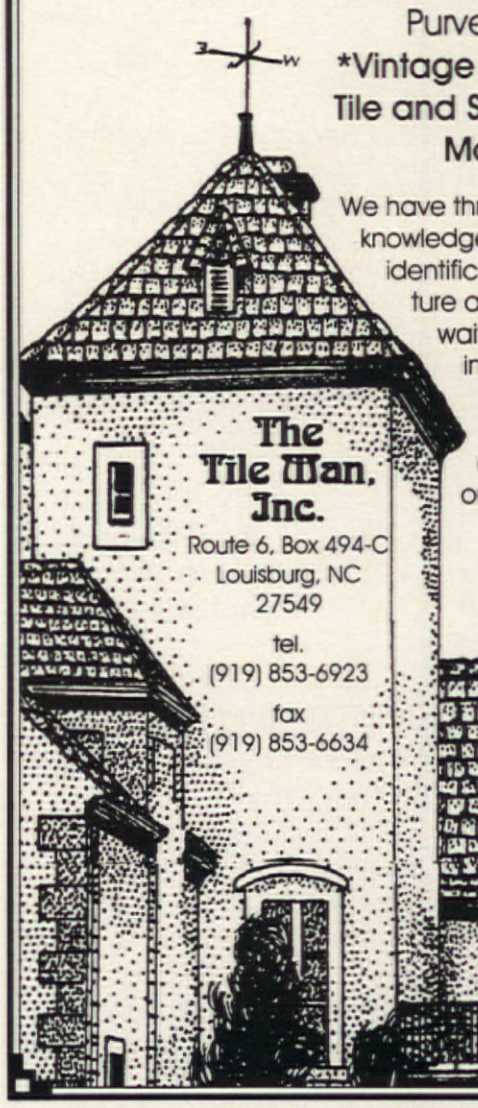


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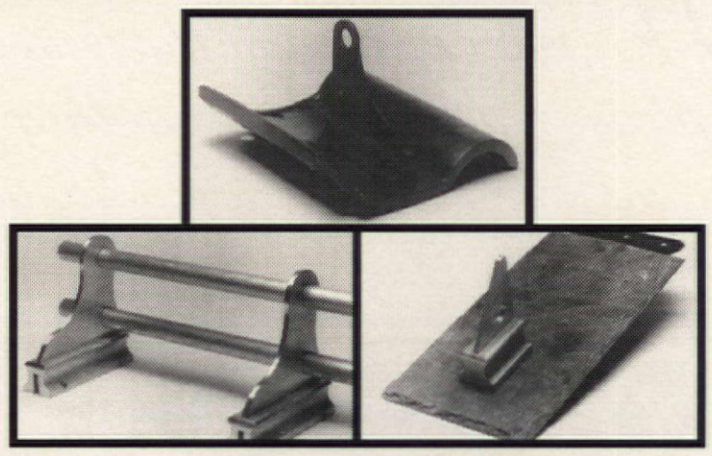




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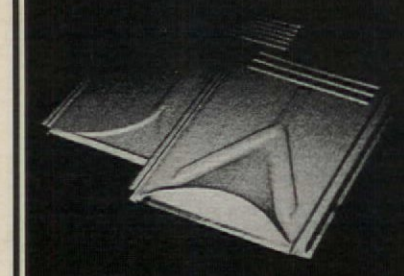
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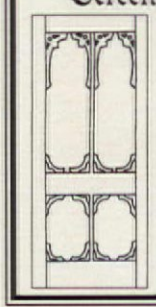
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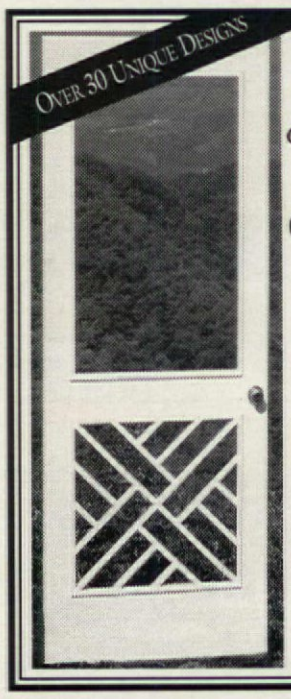
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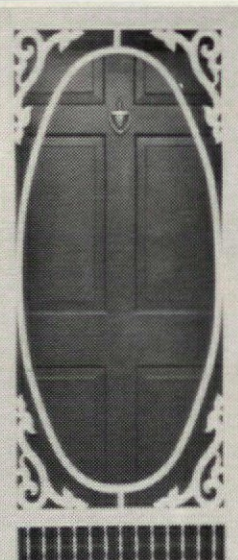
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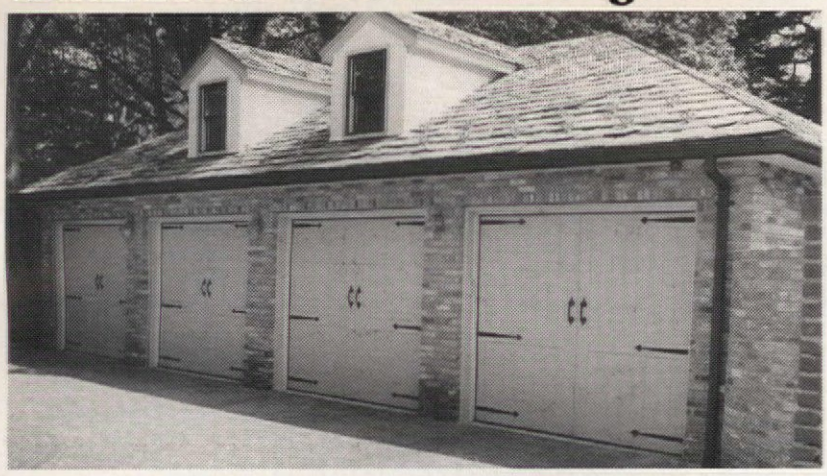
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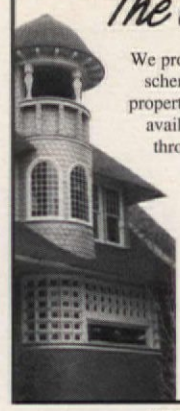
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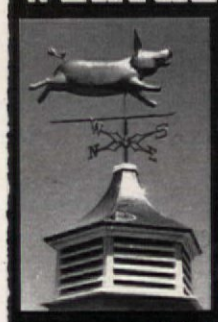
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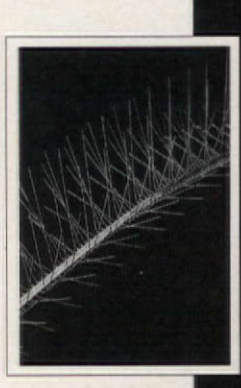
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SourceList 22-26
Portfolio. 28-30

Surveying the Possiblities in Mantel Design

Long before the invention of radiators and central heating, people warmed their homes with fire. Today, the fireplace is the focal point of a room, particularly when surrounded by an ornamental mantel. Traditionally styled mantels are widely available in stone, wood, and composites — from custom carved to stock to pristine antiques.

by Leslie Jay

The earliest fireplaces were probably earth pits that performed double duty, as furnaces and cooking stoves. In the Middle Ages, the typical European castle featured a large public room — the "Great Hall" — equipped with a central hearth, as well as a hole in the roof for ventilation. A later generation of builders shifted this fireplace to an outer wall, adding a hood and flue overhead for drawing smoke. By the Renaissance, heating systems had grown more sophisticated, at least in the houses of the wealthy: Most important rooms had a built-in stone or masonry hearth that fed into a chimney.

These architectural advances created the setting for mantelpieces. With the introduction of chimneys, smoke hoods disappeared, leaving space for the first mantels — decorative panels that extended all the way to the ceiling. Smaller, three-sided frames for the fireplace became the norm in the eighteenth century. Artisans assembled them from wood, metal, and stone, using faux finishes, where desired, to achieve expensive-looking effects.

Today, it's possible to choose among the same materials, with options that range from stock to custom and recycled pieces. All have their merits, with one caveat: When working with prefabricated mantels, make sure their application — usually flush — fits the fireplace area, which may be recessed. When it comes to materials, wood isn't necessarily cheaper than stone. Predictably, hand-carved marble or limestone can cost a lot of money. (The former is more popular in formal settings, the latter yields a more casual look.) But molded products, cast from crushed-rock formulas, can be relatively soft on the budget.

For an extra fee, some cast-stone firms will customize designs, which may make financial sense if spread across several sites. Otherwise, the decision is primarily a matter of taste. Wood can be painted, stained, or glazed. By contrast, little can be done to limestone and marble, apart from adding a patina to "age" the surface. "If you don't like the color, wood can be refinished to your preference; marble is more permanent," says John Wohner, vice president of Wohner's, Inc., in Englewood, N.J., which carves mantels in both. Aside from dusting and polishing, neither requires much maintenance, although some marbles can be treated with a sealant to prevent smoke damage.

The other major distinction between wood and stone involves fire codes. Before completing plans for an oak mantel, ask the local building department how much clearance is required from the firebox. "Fire-code clearances vary from state to state and town to town," Wohner observes. With stone, which doesn't burn readily, this isn't an issue.

Getting the Right Size Mantel for the Room

Whatever the material, the mantelpiece's size remains an inflammatory topic. Those who have never ordered a mantel tend to get more than they bargained for, literally. George Chiarini, owner of Chiarini Marble & Stone in Santa Ana, Calif., a shop where marble and limestone pieces are carved by hand, reports that difficulties arise when people "don't have enough space to fit the style, or the proportions are off." Evidently, dimension problems are rampant; every supplier seems to cite them. Jack Meingast of Chicago-based Decorators Supply Corp. says that after deciding on a 54-in. mantel, "Homeowners forget they have a seven-foot wall." To prevent disaster, double-check the width of the legs and the height and depth of the shelf. If possible, show the client a full-size cardboard mock-up held in place before installing the real thing.

Or consult experts who handle mantels on a regular basis. Some wood and stone sculptors offer design services. For example, DMS Studios in Long Island City, N.Y., specializes in carving authentic, period-style pieces by hand from domestic and European marble and limestone. The firm's employees can cut mantels from sketches or draw up original, site-specific plans.

Enkeboll Designs takes the middle road, offering semi-custom wooden pieces. The idea is to combine individual elements, such as bases and moldings, from styles in the company catalog. Pick a wood — maple, red select oak, cherry, black walnut, or mahogany — provide dimensions, and call in the order. The mantel, whether simple or ornate, will be built to specification. "We do not offer a paint-grade wood," notes Rosanna Vaughn in the marketing and sales department. "All wood species offered are suitable for staining."

Embellishing the Mantel

At Decorators Supply Corp., the difference lies in the details. They sell mantels in twelve styles, in any wood, embellished with any of 13,000 ornaments. Made of a composition that was invented more than 100 years ago, these rosettes and cherubs, when properly finished, easily pass for wood. "The material accepts paint and stain, from light walnut and darker," promises Meingast.

Hand Carvings Made to Order

The hand-carved wooden mantels at Edmon's Unique Furniture and Stone Gallery "are all made to order," says Mercedes Simonian, proprietor of the Los Angeles, Calif., store. Prices run as high as $5,500. Alder is the most commonly-used wood, but the selection includes about 20 additional types, including oak, cherry, walnut, and mahogany. Edmon's stone pieces, made from crushed-stone matrix that is poured into a mold, cost forty to fifty percent less. These mantels come in pre-set dimensions, in a palette of 35 different colors and textures. Stone Magic Manufacturing in Dallas, Tex., also casts mantels from molds. Twelve styles in a variety of sizes are available. The finished products, which look and feel like limestone, are inventoried in tan and are available in white or buff. Their Fireside Magic line consists of about a dozen new styles just now being introduced to the market. If you don't see a suitable model or color, ask for the division that creates customized pieces.

For elegant marble composites, contact Heritage Mantels in Southport, Conn. The company's exclusive process uses pulverized marble and polymer resins. This composite is poured into molds taken directly from original European antiques of the eighteenth and nineteenth centuries, which the company owns. All dimensions are fixed, except for height. The color choices range from the pure white Italian bianco to a naturalistically veined brown, red, or black.

Surveying the Antiques Market

For genuine antiques, as opposed to reproductions, try calling salvage operations. (See the *Yellow Pages for Architectural Antiques*, pp. 36-40 of this issue.) While holdings vary from month to month, Tim Harmon, the eponymous co-owner of Tim & Billy's Salvage Store in Indianapolis, Ind., generally carries a wide assortment of mantels with prices starting at $125. Some of these items are unique to the Midwest, such as slate mantelpieces that have been faux painted to resemble marble. At the moment, Tim & Billy's also has marbleized cast-iron mantels, single-tiered Arts & Crafts styles, two-tiered Victorians, and some rare poplar pieces from the 1840s. Bear in mind that the dimensions of vintage products change with the region, the era, and the fuel. Harmon's poplar mantels framed wide, wood-burning hearths; the Victorian examples come from narrower coal fireplaces.

Installing these pieces can require novel techniques. A case in point: The slate mantels have to be rebuilt in place. Because this stone is brittle, "you have to be careful with it," warns Harmon. "It can snap at any time." To fill in seams, he tells masons to take a cue from auto-body repair shops and use Bondo. ■

Who's On the Mantels *SourceList*

For the accompanying *SourceList* you'll find on pp. 22-26, the Editors sent editorial queries to 319 companies in our database who either manufacture mantels or sell antiques.

From those companies that responded, we selected 58 that best represent the market. Companies on the *SourceList* offer stock and custom mantels, overmantels, antiques and authentic reproductions in hardwoods, softwoods, plaster, marble, limestone, cast stone, and a variety of resins, veneers, and composites.

In addition to the company listings, you'll find a photo Portfolio showing a range of mantel companies on pp. 28-30.

Architectural Molding & Mantel, Mfg. Co.

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WRITE IN NO. 31



Old Mill Mantels

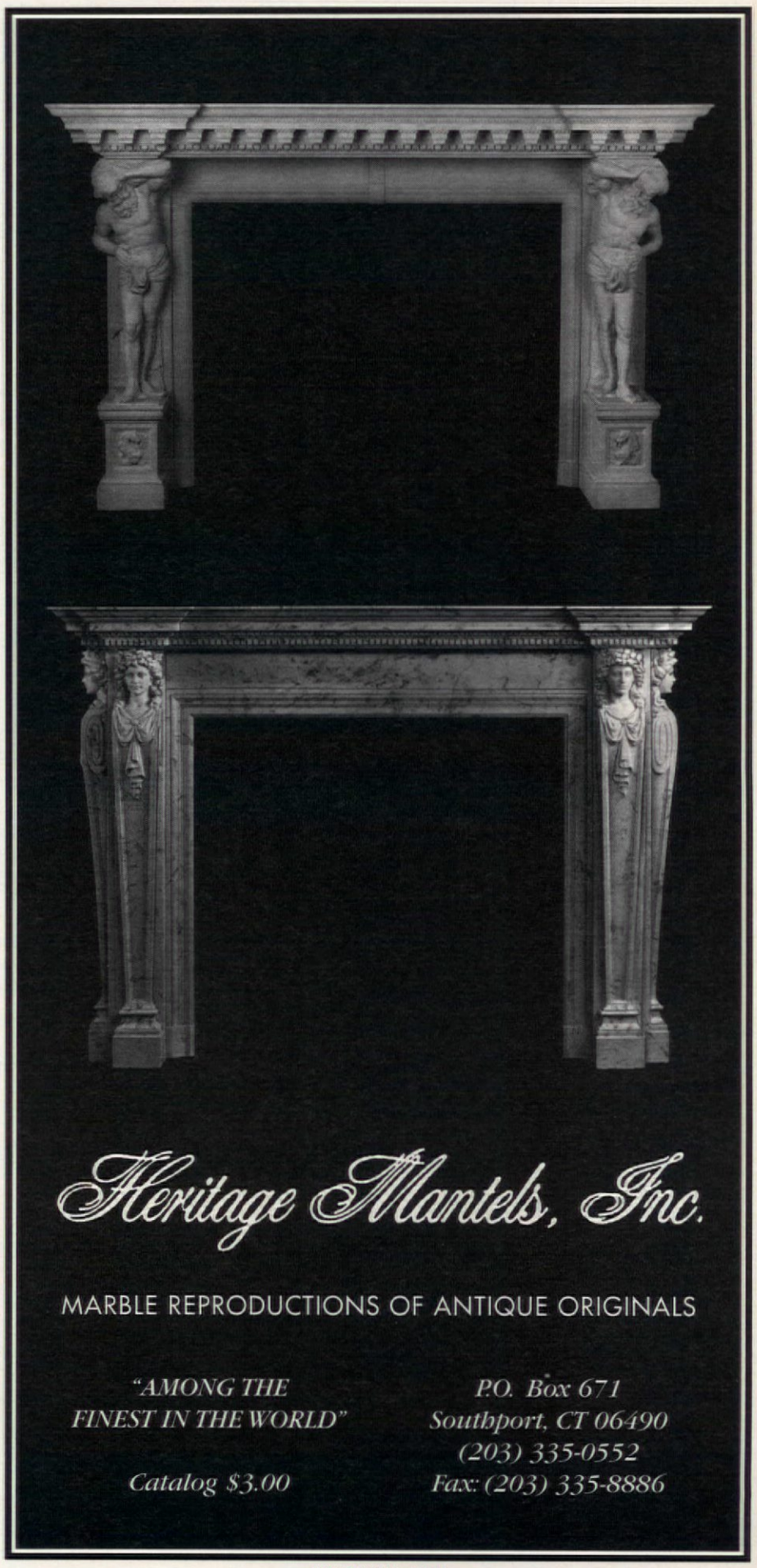
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TRADITIONAL BUILDING's MANTELS *SourceList*

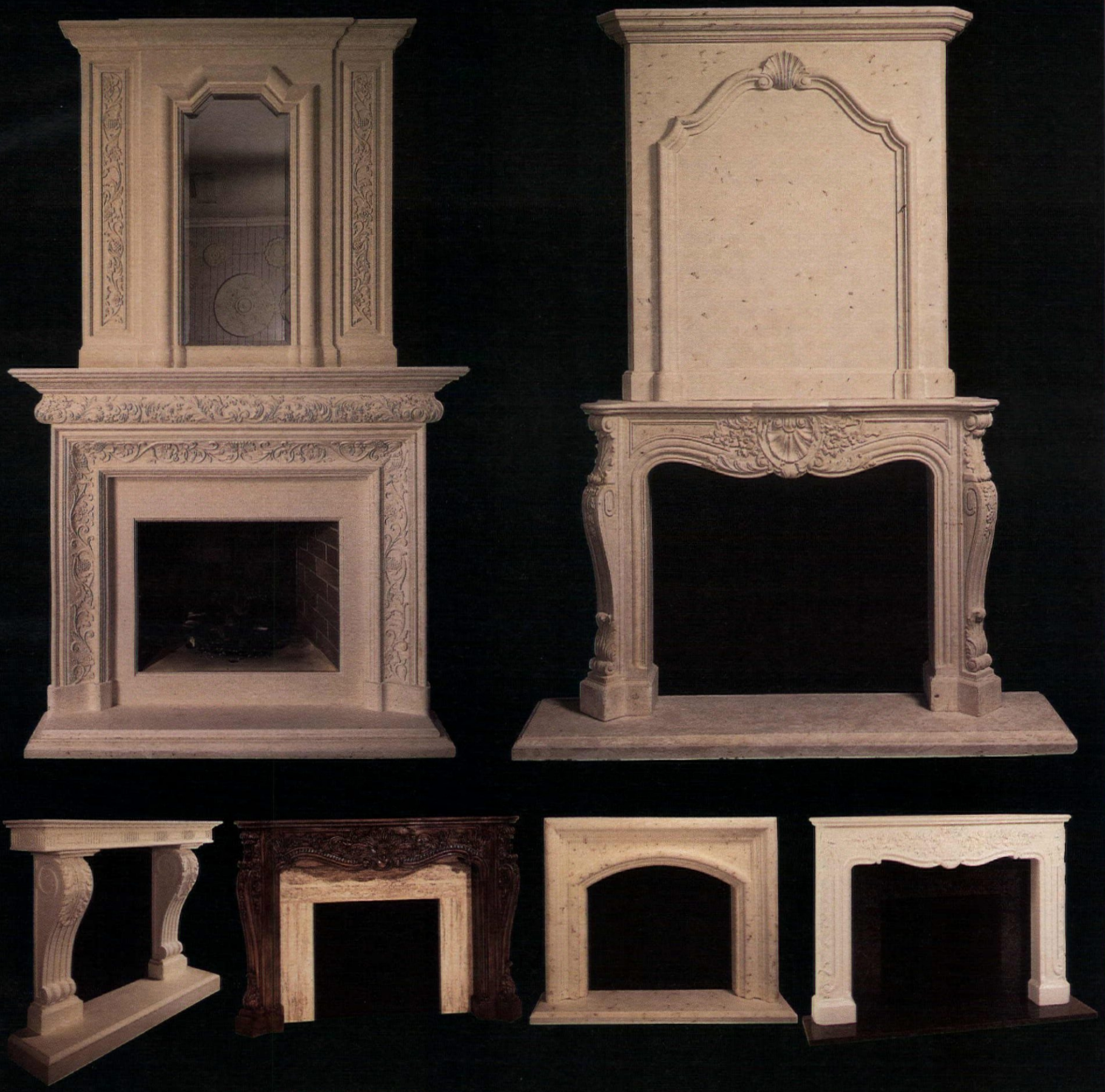
CSI #10330

COMPILED BY LAURA R. ALLEN

COMPANY	SPECIALTY	Literature	Type of Mantel					Material						
			Stock	Custom	Overmantels	Antique	Reproduction	Hardwoods	Softwoods	Plaster	Marble	Limestone	Cast Stone	Other
A&M Victorian Decorations, Inc. **2411 Chico Ave., Dept. TB** **South El Monte, CA 91733** **626-575-0693; Fax: 626-575-1781**	Manufactures many architectural elements in either gypsum or precast concrete: columns, molding, mantels, balustrades, wall caps, pavers, quoins, stair treads, planters, fountains, and gazebos; custom designs and finishes.	Free Write in No. 7470	✔	✔	✔		✔			✔			✔	Sandstone
Agrell & Thorpe, Ltd. **319 Dolan Ave., Dept. TB** **Mill Valley, CA 94941** **415-381-9474; Fax: 415-381-9475**	Master carving studio produces a wide range of carved products in wood, stone, and marble; for commercial, residential, and religious buildings. Worldwide experience.	Free		✔	✔		✔	✔	✔		✔	✔		
American Marble & Onyx Co. **10321 S. La Cienega Blvd., Dept. TB** **Los Angeles, CA 90045** **310-649-1355; Fax: 310-649-1458**	California showroom of many marble and stone mantels; custom-designed mantels.	Free	✔	✔		✔	✔				✔	✔		
American Resin Corporation **6250 Southwest Pkwy., Dept. TB** **Wichita Falls, TX 76310** **940-692-8011; Fax: 940-692-8014**	Manufacturer of "ARC-KLEER," two-part material used for bonding, mending, and filling all types of marble and stone.	Free												Material for bonding stone and marble
Architectural Artifacts, Inc. **4325 N. Ravenswood, Dept. TB** **Chicago, IL 60613** **773-348-0622; Fax: 773-348-6118**	30,,000-sq.ft., well lit and organized showroom houses American and European antiques, featuring fireplaces, garden ornament (no reproductions), and architectural elements.	Free				✔		✔	✔		✔	✔	✔	Cast iron
Architectural Facades Unlimited **1990 Stone Ave., Dept. TB** **San Jose, CA 95125** **408-298-2758; Fax: 408-297-8014**	Custom interior and exterior precast architectural ornamentation. On-site, full-service drawings, patterning and moldmaking; casting of columns, balustrades, cornices, mantels, floor and wall fountains. Cement, plaster, GFRC, and GFRG.	Free Write in No. 1470		✔						✔				
Architectural Molding & Mantel Mfg. **40-09 21st St., Dept. TB** **Long Island City, NY 11101** **718-937-8500; Fax: 212-759-0276**	Complete line of deep-carved, traditional moldings in many species; hand-carved French and English mantels; any size, any wood; custom work.	Free Write in No. 102	✔	✔	✔		✔	✔	✔					
Architectural Products by Outwater **P.O. Box 347, Dept. TB** **Wood Ridge, NJ 07075** **800-631-8375; Fax: 800-888-3315**	Major stocking supplier of more than 20,000 in-stock, ready-to-ship component building products; mantels in both wood-veneered MDF and plaster from which to choose; numerous stocked decorative appliques to embellish and personalize mantel designs.	Free Write in No. 4934	✔				✔			✔				MDF combinations
Aspinwall & Trent, Ltd. **10 New King St., Ste. 200, Dept. TB** **White Plains, NY 10604** **914-948-3250; Fax: 914-948-3495**	Natural quarried limestone in five types, cut to specifications; Permian limestone a trademark. All architectural elements (carved, etc.). Specs and tests (ASTM) available.	Free		✔			✔					✔		
Cantera Especial **15332 Antioch St., #343, Dept. TB** **Pacific Palisades, CA 90272** **800-713-8577; Fax: 818-907-0343**	Machine- and hand-carved products made from Cantera and Adoquin stone quarried from Mexico; can make all types of fountains, fireplace surrounds, columns, sculpture, table bases, vanities, and custom products.	Free Write in No. 31	✔	✔	✔	✔	✔					✔		Cantera and Adoquin stone
Cantera Handcarved Stone **3449 E. Allini St., Dept. TB** **Phoenix, AZ 85040** **602-470-0900; Fax: 602-470-1599**	Manufactures products hand-carved from Cantera stone, quarried from Mexico: balusters, columns, window and door surrounds, benches, pavers & flooring, planters, fireplace surrounds and mantels, and fountains, stock and custom.	Free Write in No. 298	✔	✔			✔							Cantera stone
Champlain Stone, Ltd. **P.O. Box 650, Dept. TB** **Warrensburg, NY 12885** **518-623-2902; Fax: 518-623-3088**	Stone from their six quarries in granite, quartzite, and limestone, for building veneer, wall stone, flagging, and ashlars, in various colors and textures.	Free Write in No. 4270												Stone for mantels
Claystone Architectural Ceramics **31131 Via Colinas, #603, Dept. TB** **Westlake Village, CA 91362** **818-879-8119; Fax: 818-879-8128**	Manufacturer of architectural terra-cotta trim tiles with linear and carved relief; similar to wood moldings. Tiles can be assembled for fireplace surrounds, mantels, and hearths in a variety of different designs.	Free	✔	✔										Ceramic
Collinswood Designs **1400 Duff Dr., Dept. TB** **Fort Collins, CO 80524** **970-482-3610; Fax: 970-224-1085**	Manufacturer of hardwood full-surround mantels, shelf mantels, and related cabinetry and wall-panel systems, in custom and standard sizings. Custom and factory stains and finishes are available.	Free	✔	✔	✔		✔	✔						
Concrete Designs Inc. **3650 S. Broadmont Dr., Dept. TB** **Tucson, AZ 85713** **800-279-2278; Fax: 520-624-3420**	Manufactures over 1,600 precast-concrete and GFRC items, including moldings, door and window surrounds, balustrades, columns, and site furnishings. Also, GFRC details; custom work available.	Free	✔	✔										Precast concrete
Condon Co., M. L. **276 Ferris Ave., Dept. TB** **White Plains, NY 10603** **914-946-4111; Fax: 914-946-3779**	From its huge stock of domestic and imported hardwoods, company can produce moldings, turnings, corbels, capitals, column bases, and all manner of architectural trim.	Free Write in No. 4010	✔	✔				✔	✔					
Decorators Supply Corp. **3610-12 S. Morgan St., Dept. TB** **Chicago, IL 60609** **773-847-6300; Fax: 773-847-6357**	14,000 patterns for period architectural elements and molded ornament, from ceiling medallions to mantels, in plaster of paris, compo, and wood since 1893. Set of 5 catalogs, $30.	Free Write in No. 210	✔					✔	✔	✔				
Dixie Cut Stone & Marble, Inc. **P.O. Box 264, Dept. TB** **Bridgeport, MI 48722** **800-968-8282; Fax: 517-777-9700**	Custom limestone fireplaces; also, carvings, door and window surrounds, balusters, columns, and signs; commercial, institutional, and residential; stone includes Indiana buff limestone, Texas cream, and Mankato gold. Wholesale slab marble and granite.	Free brochure, catalog $10 Write in No. 279		✔	✔	✔	✔				✔	✔		
DMS Studios **5-50 51st Ave., Dept. TB** **Long Island City, NY 11101** **718-937-5648; Fax: 718-937-2609**	Historically accurate, hand-carved marble and limestone fireplace mantels and other architectural and landscape ornament, statuary, and elements. Will design, sculpt, or fabricate anything in stone or metal.	Free Write in No. 9100		✔	✔		✔					✔		

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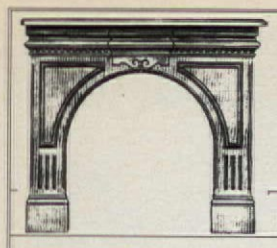


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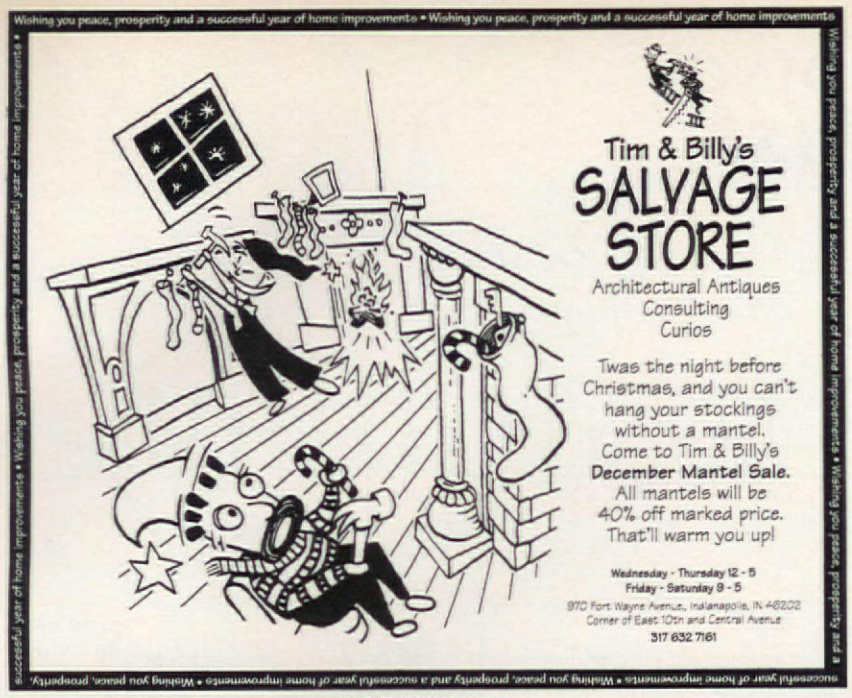


TRADITIONAL BUILDING's MANTELS *SourceList*

CSI #10330

COMPILED BY LAURA R. ALLEN

COMPANY	SPECIALTY	Literature	Type of Mantel					Material							
			Stock	Custom	Overmantels	Antique	Reproduction	Hardwoods	Softwoods	Plaster	Marble	Limestone	Cast Stone	Other
Dykes Lumber Co. **1899 Park Ave., Dept. TB** **Weehawken, NJ 07087** **201-867-0391; Fax: 201-867-2981**	Architectural woodwork supplier; stock doors in pine, fir, oak, cherry, and mahogany; stock and custom mantels. Hundreds of molding profiles; raised panel moldings, lumber, and plywood; corbels, finials, columns, mantels, and more.	Free Write in No. 3100	✔	✔				✔	✔					
Edmon's Unique Furniture & Stone Gallery **5174 Melrose Ave., Dept. TB** **Los Angeles, CA 90038** **213-462-5787; Fax: 213-462-5894**	Hand-carved wood mantels, hand-carved woodwork; cast-stone mantels, etc. All types of carved and cast architectural elements, furniture, and decorative accents.	Free Write in No. 5690		✔				✔						
Enkeboll Designs **16506 Avalon Blvd., Dept. TB** **Carson, CA 90746** **310-532-1400; Fax: 310-532-2042**	Comprehensive selection of architectural elements carved in solid woods: moldings, columns, capitals, newels, corbels, onlays, and panels; mantel fascias and bases available in maple and oak. Catalog set $20, refundable with order.	Free brochure, catalog $20 Write in No. 5770		✔				✔						
Fires of Tradition **316 Brock Rd., Dept. TB** **Greensville, Ont., CANADA L9H 5H5** **905-627-4147; Fax: 905-627-5854**	Traditional English fireplace tiles, raised and tubelines; reproduction cast-iron mantels and inserts, cast-resin mantels, electric fireplaces.	Free Write in No. 297					✔							Resin, cast iron
Forshaw of St. Louis, Inc. **825 S. Lindbergh Blvd., Dept. TB** **Saint Louis, MO 63131** **800-367-7429; Fax: 314-993-5570**	Custom mantels hand-crafted from a wide variety of solid hardwoods, including pine, oak, poplar, and cherry; custom- or ground-shipped unfinished and ready for paint or stain.	Free	✔	✔			✔	✔						
Fypon Ltd. **22 West Pennsylvania Ave., Dept. TB** **Stewartstown, PA 17363** **800-537-5349; Fax: 717-993-3782**	Offers a full line of over 3,500 molded architectural elements: window features, turnings, columns, brackets, and more in high-density polymer and other polymers. Line of load-bearing polymer/steel columns, maximum diameter 12 ft.	Free Write in No. 6170	✔	✔			✔							Molded polymer
Gregor's Studios **1413 Dragon St., Dept. TB** **Dallas, TX 75207** **214-744-3385; Fax: 214-748-4864**	Offers a wide selection of hand-carved architectural components, with emphasis on doors and mantels, many with corresponding trumeaux. European antiques also available.	Free brochure, catalog $12	✔	✔	✔		✔	✔	✔					
Haddonstone (USA), Ltd. **201 Heller Pl., Dept. TB** **Bellmawr, NJ 08031** **609-931-7011; Fax: 609-931-0040**	British designer/manufacturer of classical stonework, using cast, reconstructed limestone resembling Portland stone. Over 500 designs of architectural and landscape elements that weather naturally. Custom-design capabilities.	Free Write in No. 4020	✔	✔	✔		✔							Cast limestone
Heritage Mantels **P.O. Box 671, Dept. TB** **Southport, CT 06490** **203-335-0552; Fax: 203-335-8886**	Marble-composition mantel reproductions, cast from antique originals; all periods, in different marble and limestone finishes.	Catalog $3 Write in No. 5350	✔		✔		✔							Marble compo, limestone compo
House of Moulding **15202 Oxnard St., Dept. TB** **Van Nuys, CA 91411** **818-781-5300; Fax: 818-994-7848**	Large selection of hardwood and softwood moldings; also, corbels, decorative plaques, finials, ceiling medallions, mantels, and more.	Free	✔	✔				✔	✔					
Klitsas, Dimitrios - Fine Wood Sculptor **378 North Rd., Dept. TB** **Hampden, MA 01036** **413-566-5301; Fax: 413-566-5307**	Custom carving of wood architectural elements, both interior and exterior, including furniture (all periods), fireplace mantels, stairs, chandeliers, moldings, and other specialty carvings.	Free Write in No. 7380		✔	✔		✔							Hand-carved wood
Limestone Concept, Inc. **1438 S. Robertson Blvd., Dept. TB** **Los Angeles, CA 90035** **310-278-9829; Fax: 310-278-9651**	Hand-carved limestone products, including benches, fireplaces, fountains, columns, fireplaces, capitals, moldings, benches, balusters, and garden statuary.	Free Write in No. 5390	✔	✔	✔		✔					✔		
Marabanian Wood Works **250 Rt. 47, Dept. TB** **Elburn, IL 60119** **630-365-5776; No fax**	Cabinet shop specializes in hand carvings on furniture and trim; uses dye staining with non-fading acrylic pigments and inks; designs have included Southwest geometrics, ivy and vine, and Japanese motifs.	Free brochure, catalog $5		✔				✔	✔					
MTI International **7592 W. Farmington Blvd., Ste. 224** **Germantown, TN 38138** **901-753-6320; Fax: 901-753-2916**	Hand-carved solid-wood mantels; stock, custom, and reproduction mantels in a variety of hardwoods.	Free Write in No. 1093	✔	✔	✔		✔	✔						
Old Mill Mantels **1311 Page Ave., Dept. TB** **Jackson, MI 49203** **517-796-9235; Fax: 517-796-1080**	Hand-crafted, custom-designed hardwood mantels and wall panels that accompany ceiling heights. Custom reproduction mantels and overmantels. Special options and applications include: custom woodcarving, decorative wood trim, ornamental moldings, and wood inlays.	Free Write in No. 314		✔	✔		✔	✔						Specialty hardwoods available
Old World Stoneworks **5400 Miller Ave., Dept. TB** **Dallas, TX 75206** **800-600-8336; Fax: 214-826-3227**	New line of cast-stone fireplace mantels; prices range from $1,000 to $5,200; technical support for all types of installations; custom orders welcome.	Free Write in No. 282	✔	✔	✔		✔						✔	
Ornamental Mouldings, Inc. **3804 Comanche Rd., Box 4068, Dept. TB** **Archdale, NC 27263** **800-779-1135; Fax: 910-431-9104**	Colonial and dentil mantel kits with rich detailing in white hardwood and red oak. Custom mantels, surrounds, and accessories also available.	Free	✔	✔				✔						
P.K. Smith Woodcarving **8143 Camargo Rd., Suite C, Dept. TB** **Cincinnati, OH 45243** **513-271-7077; Fax: 513-271-7077**	Hand-carved, custom-designed mantels. Species include walnut, Honduras mahogany, white oak, jeluntong, poplar, pine, and cherry.	Free		✔				✔	✔					
Renaissance Woodcarving **743 Sanborn Pl., #10, Dept. TB** **Salinas, CA 93901** **408-759-0558; Fax: 408-759-2635**	Carved mantels with hand-planed textures and aged finishes; "Antigua" line of aged cabinet doors and trim, passage doors, and hand-planed flooring.	Free	✔	✔				✔	✔					



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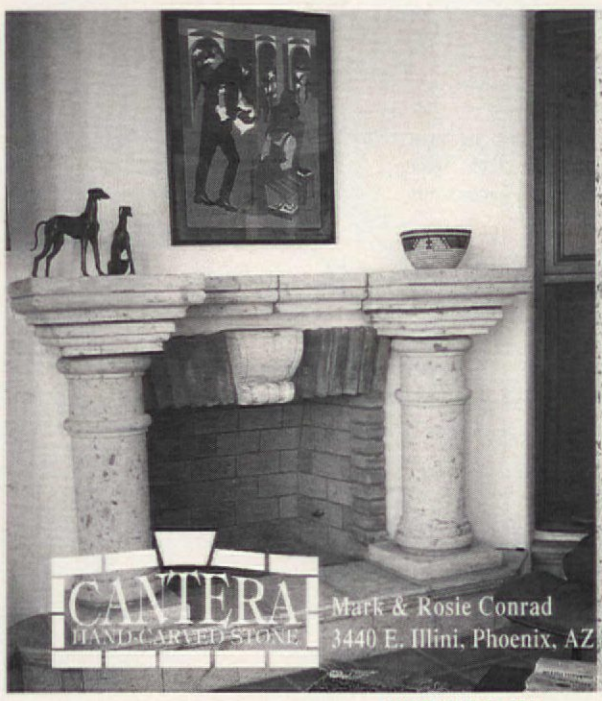
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SIERRA STONE

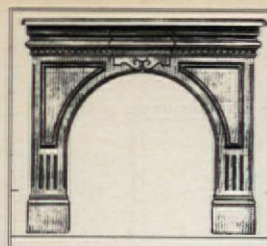
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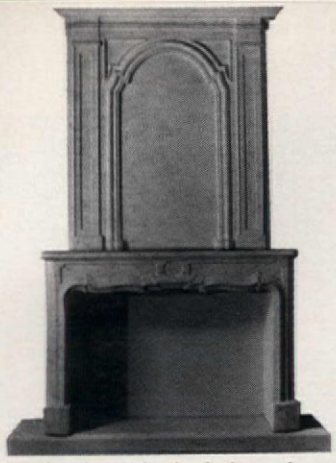
TRADITIONAL BUILDING's MANTELS *SourceList*

CSI #10330

COMPILED BY LAURA R. ALLEN

COMPANY	SPECIALTY	Literature	Type of Mantel					Material						
			Stock	Custom	Overmantels	Antique	Reproduction	Hardwoods	Softwoods	Plaster	Marble	Limestone	Cast Stone	Other
Roman Marble Import Co. **120 W. Kinzie St., Dept. TB** **Chicago, IL 60610** **312-337-2217; Fax: 312-337-9865**	Custom marble shop makes statuary, pedestals, and carved mantels. Antique and new marble bars and bar tables; imports marble and wood mantels from Europe; also has line of antique mantels from around the U.S.	Free				✔					✔	✔	✔	
Rustic Crafts International, Inc. **P.O. Box 1085, Dept. TB** **Scranton, PA 18501** **717-969-1777; Fax: 717-969-2160**	Decorative fireplaces in wood or cast marble. No installation necessary. Electric logs simulate the flickering and crackling of real flames.	Free	✔				✔						✔	Veneer with hardwoods
Sadtler, Samuel B. **340 S. Fourth St., Dept. TB** **Philadelphia, PA 19106** **215-923-3714; Fax: 215-923-3714**	Late-18th- and early-19th-century American marble and wood mantels; also, box locks and shutter hardware.	Free				✔			✔		✔			
Sierra Architectural Cast Stone **1038 St. Gregory St., Dept. TB** **Cincinnati, OH 45202** **800-333-9302; Fax: 513-665-2005**	Hand-cast architectural elements: columns, pavers, and planters. Large-scale commercial and residential projects. Dry-cast limestone and shell-stone products; also available in FRP and GRG.	Free Write in No. 236		✔	✔		✔	✔	✔					
Sonrise Woodcarving Studio **111 Hurley Ave., Dept. TB** **Kingston, NY 12401** **914-331-8692; Fax: Call for fax**	Specialty woodcarver of architectural elements (mantels, moldings, entryways, furniture), ecclesiastical carving; replication and restoration of antique carved pieces; decorative carvings.	Free		✔	✔		✔	✔	✔					
Stone Legends **301 Pleasant Dr., Dept. TB** **Dallas, TX 75217** **800-398-1199; Fax: 214-398-1293**	Cast-stone architectural elements, handmade using precision tooling. Factory-direct pricing for elements such as balustrades, columns, fountains, pavers, steps, signs, wall caps, and landscape and garden ornament. Custom casting.	Free Write in No. 8630	✔	✔	✔								✔	
Stone Magic Mfg. **301 Pleasant Dr., Dept. TB** **Dallas, TX 75217** **800-597-3606; Fax: 214-823-4503**	Manufactures a varied line of easily installed cast-stone mantels with the look and feel of cut limestone. Prices range from $1,000 to $5,400. Custom cast stone.	Free Write in No. 9067	✔	✔	✔								✔	
Texas Carved Stone, Inc. **6621 Hwy. 195, Dept. TB** **Florence, TX 76527** **254-793-2384; Fax: 254-793-2384**	Fabrication of ornamental limestone: carving, restoration, blocks for new construction. Altars, pulpits, carved exterior ornament. Carvers are capable of working in any period or style. Custom and reproduction mantels.	Free		✔	✔		✔					✔		
Tim & Billy's Architectural Salvage **970 Ft. Wayne Ave., Dept. TB** **Indianapolis, IN 46202** **317-632-7161; Fax: 317-632-0047**	Architectural-salvage store with a large line of antique elements, including entryways, mantels, locksets and hardware, stained glass, and period lighting.	Free Write in No. 4380				✔								
Vintage Mantle Co. **P.O. Box 702415, Dept. TB** **Tulsa, OK 74170** **918-254-0800; No fax**	Classic mantel designs constructed in oak or poplar with dowelled joints.	Free	✔	✔				✔	✔					
Wicks Custom Woods **P.O. Box 129, Dept. TB** **Highland, IL 62249** **800-444-9425; Fax: 618-654-3770**	Custom cabinetry, shelving, freestanding units, or built-ins; mantels and overmantels; home theaters, millwork, and custom hand-carving available.	Free		✔	✔			✔						
Wilbur, Frederick - Woodcarver **P.O. Box 425, Dept. TB** **Lovingston, VA 22949** **804-263-4827; Fax: 804-263-5958**	Woodcarver specializing in traditional decorative carving for interiors and exteriors, furniture, mantels, moldings, friezes, column capitals, logos, and heraldry. Creates original designs and historically accurate reproductions.	Free Write in No. 1650		✔	✔		✔	✔	✔					
Wilson-Miller Co. **P.O. Box 1845, Dept. TB** **Buffalo, NY 14231** **716-855-0532; Fax: 716-855-1536**	Wood mantels; custom-designed, hand-carved mantelpieces, and fine furniture.	Free		✔	✔		✔	✔	✔					
Wohner's, Inc. **29 Bergen St., Dept. TB** **Englewood, NJ 07631** **201-568-7307; Fax: 201-568-7415**	Carved wood mantels and carved ornament; mantel parts. Machine-carved, classically styled architectural embellishments: corbels, onlays, panel decorations, moldings, and ornament made from hand-carved masters.	Free Write in No. 5590	✔	✔			✔							
Woodline Co. **1521 W. 14th St., Dept. TB** **Long Beach, CA 90813** **310-436-3771; Fax: 310-436-8891**	Architectural wood products: wood carvings and corbels, stair parts, finials, capitals, and posts.	Free Write in No. 5240	✔	✔				✔	✔					
WoodMaster Designs **30489 San Antonio St., Dept. TB** **Hayward, CA 94544** **800-285-8551; Fax: 510-487-4239**	Custom and stock wood mantels; custom mantels in any style, size, or finish; stock mantels and mantel kits.	Free	✔	✔	✔		✔	✔	✔					
Worthington Group **P.O. Box 868, Dept. TB** **Troy, AL 36081** **800-872-1608; Fax: 334-566-5390**	Supplier of true classical columns in all the basic orders. Also, Lifestone mantels columns, balustrades, brackets, panel mantels, and cornice moldings; new PermaPorch system elements.	Free Write in No. 1633	✔	✔				✔						

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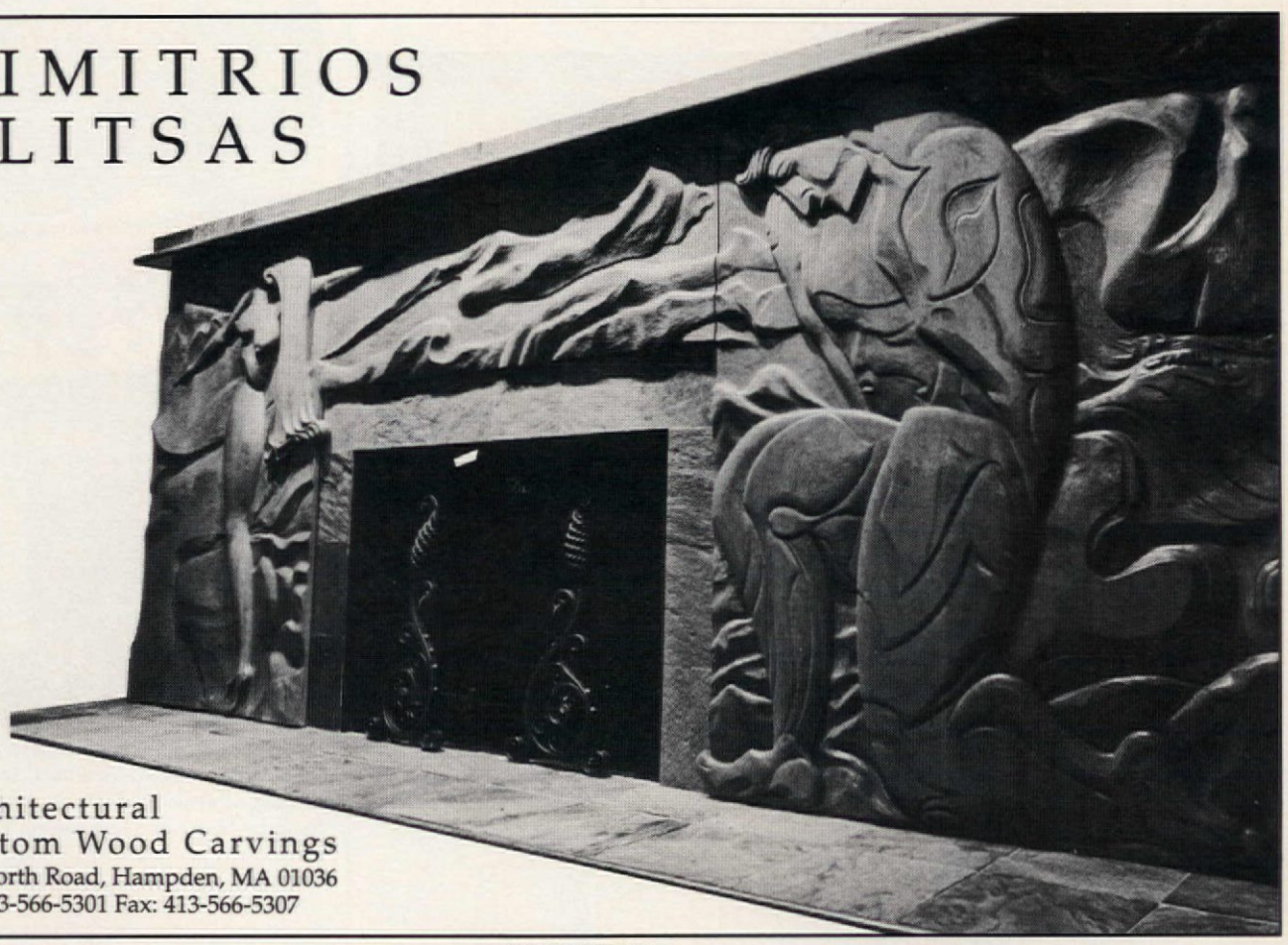


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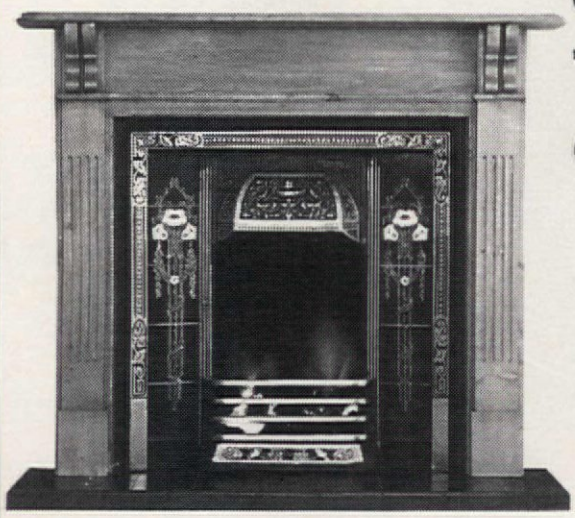
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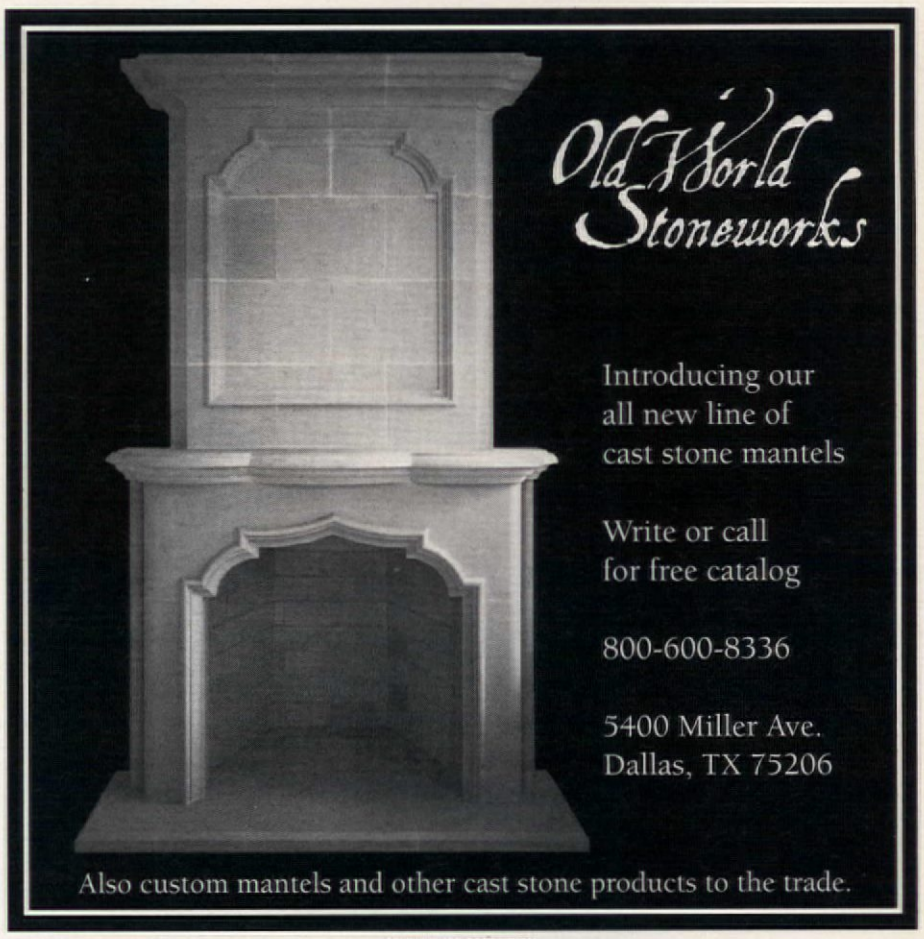
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WRITE IN NO. 297



WRITE IN NO. 282

MANTELS PORTFOLIO

For more information on these companies, consult the SourceList on pp. 20-24.



The interior of the Castle Public House in Essex, England, is a veritable treasure trove of stonework from HADDONSTONE; but none of its treasures is more dramatic than this mighty, cherub-embellished mantel. *Write in No. 4020*



CANTERA ESPECIAL, offering stone mantels in stock and custom designs, makes the hearth once again the heart of the home with their handsome, dramatic designs. *Write in No. 31*



This custom-made cherry mantel from OLD MILL MANTELS has been stained in an Early American style and measures 56 in. high x 58 in. wide. *Write in No. 314*



This limestone mantel from DIXIE CUT STONE lends warmth to an interior even when no fire has been lit. (Photo by Beth Singer) *Write in No. 279*



Custom carved stone fireplaces are the specialty at DMS STUDIOS — as the precision and beauty of this mantel plainly demonstrate. *Write in No. 9100*



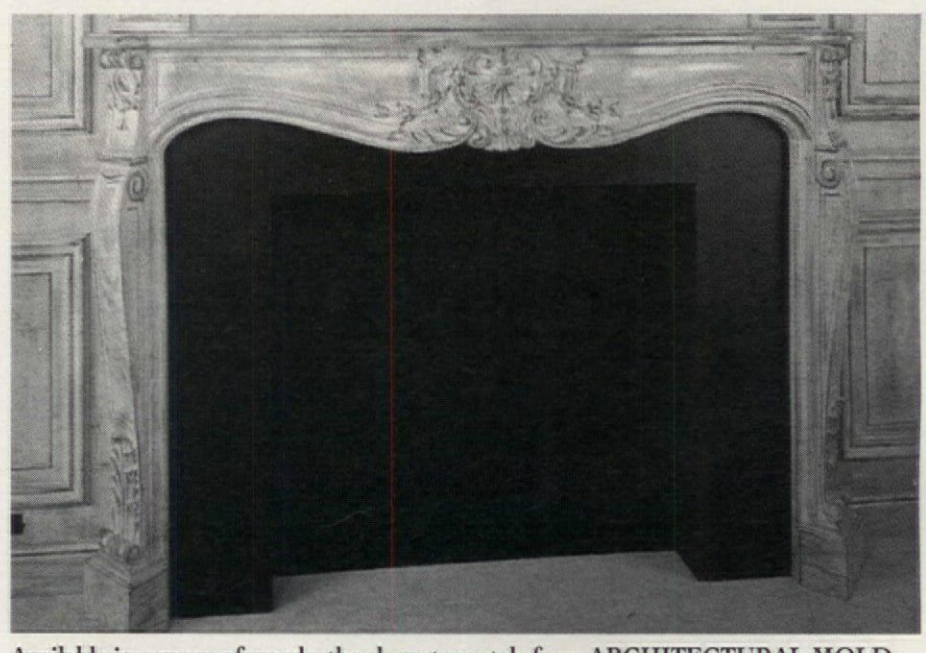
A&M VICTORIAN DECORATIONS recreated an ornate fireplace, including its coat of arms, with this mantel for the Senator Hotel in Sacramento, Calif. *Write in No. 7470*



Wood fire surrounds from ARCHITECTURAL PRODUCTS BY OUTWATER are veneered with pine or mahogany and provide a heightened elegance to any interior at an affordable price. *Write in No. 4934*



FREDERICK WILBUR, WOODCARVER, can supply finely detailed, traditional mantels in hardwoods and softwoods for high-end custom homes. *Write in No. 1650*



Available in a range of woods, the elegant mantels from ARCHITECTURAL MOLDING & MANTEL MANUFACTURING CO. include this beauty, with an opening that measures 48-1/2 in. wide x 36 in. high. *Write in No. 102*

Instant Access to Product Literature for MANTELS

If your office qualified to receive the 1997 TRADITIONAL BUILDING CATALOG, you'll find prefiled and indexed product literature there for the following suppliers of Mantels:

Architectural Molding & Mantel Mfg. · Cumberland Woodcraft Co. · Decorators Supply Corp. · Fischer & Jirouch · Haddonstone · Hayles & Howe · Readybuilt Products Co. Silverton Victorian Millworks · Tim & Billy's Architectural Antiques · Wilbur, Frederick — Woodcarver · Worthington Group

MANTELS PORTFOLIO

For more information on these companies, consult the SourceList on pp. 20-24.



STONE MAGIC lives up to its name with this handsome cast-stone mantel, "The Castlegate," highlighted by a watchful lion's head. *Write in No. 9067*



Hand-crafted in beige perlato marble, mantel #112 from HERITAGE MANTELS has a shelf width of 67-3/8 in., an overall height of 44 in., and an opening that measures 50-1/2 in. wide x 34 in. high. Units are cast in reconstituted marble from molds taken from original antique mantels. *Write in No. 5350*



For the Embassy Suites in Milpitas, Calif., SIERRA ARCHITECTURAL CAST STONE created this mantel from the company's inventory of standard profiles. *Write in No. 236*

The Elegance of Old World Stone Carving.



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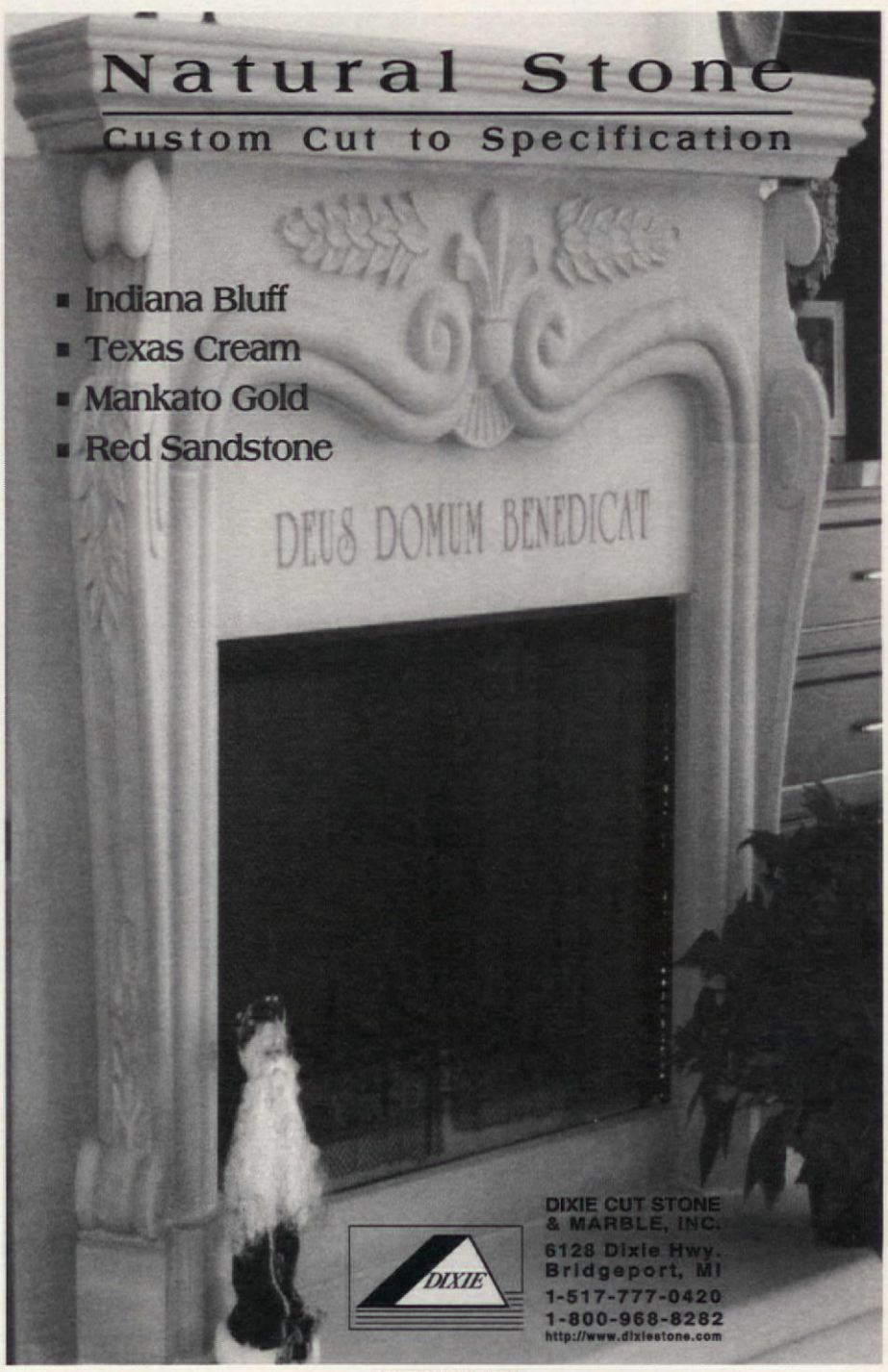
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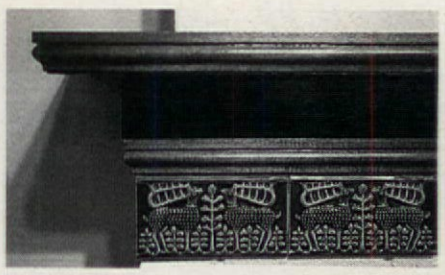
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MANTELS PORTFOLIO

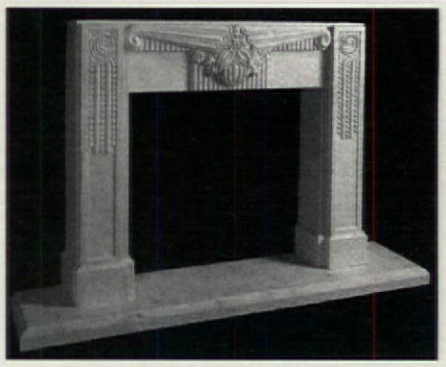
For more information on these companies, consult the SourceList on pp. 20-24.



The floral moulding and twin cherubs bring a feeling of lightness and whimsy to the otherwise massive design of this wooden mantel, measuring 65 in. high x 86 in. wide, from RAYMOND ENKEBOLL DESIGNS. *Write in No. 5770*



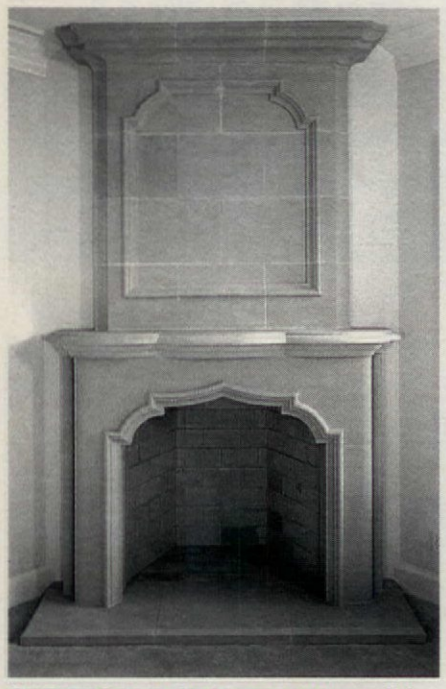
An impression of reindeer in the Arts & Crafts style, courtesy of NOCERA ART TILE, can transform a mantel into work of art. *Write in No. 6100*



This handsomely carved stone mantel from EDMON'S UNIQUE FURNITURE & STONE GALLERY, the VS-12, stands 59-1/2 in. wide x 50 in. high, and has an opening that measures 40-1/2 in. wide x 36 in. high. *Write in No. 5690*



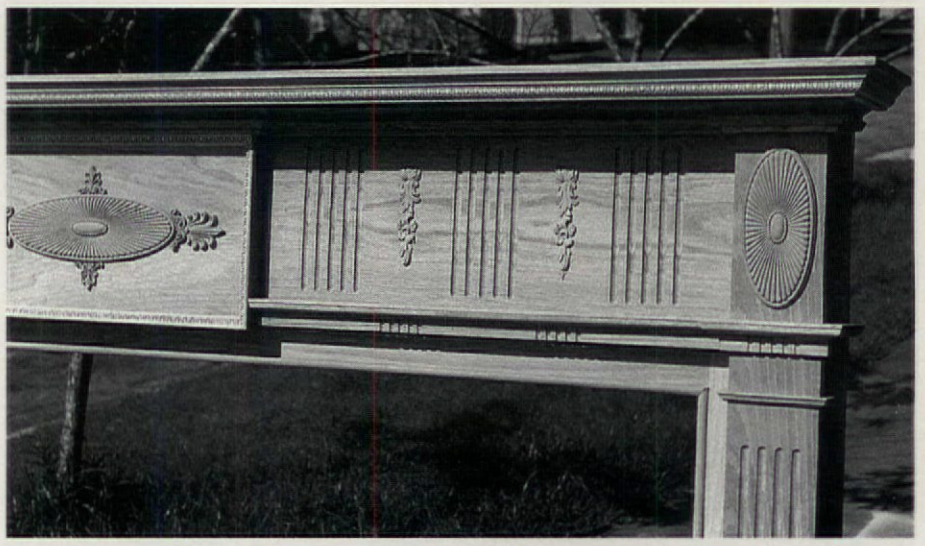
The last word in Rococo mantels has to be this extraordinary achievement, "Chinese Chippendale," hand carved by AGRELL & THORPE.



OLD WORLD STONEWORKS, while continuing to take custom orders, has also introduced a new line of cast-stone fireplace mantels, which includes the model shown here. *Write in No. 282*



This detail of a high-end, hand-carved, custom wood mantel from DIMITRIOS KLITSAS affords a close look at the delicate foliate elements woven throughout the design. *Write in No. 7380*



Mantels from WOOD FACTORY aren't intended to stand out in the yard, but direct sunlight does show off the crispness of the mantel's moldings and sunburst-style ornamentation. *Write in No. 7120*



Elegant, custom-carved mantels are a way of life for the craftspeople at LIMESTONE CONCEPT. *Write in No. 5390*



Anyone in search of a vintage wooden mantel is likely to find just the right one amongst the plethora of rescued treasures at TIM & BILLY'S SALVAGE STORE. *Write in No. 4380*

SourceList 32-34
Portfolio. 34

Accessories for the Eternal Fire

Fireplace tools, hearth tiles, fender seats, and electric fires are all part of the vocabulary of the traditionally styled fireplace. The listings in the following Special Report amply demonstrate that they are all readily available.

In the 17th century, the blacksmith working wrought iron forged ornate tools, grates, and fireplace accessories. Today, artisans from companies including Black Rose Forge, Jefferson Mack Metal, and Thomson Ironworks still make traditional and contemporary wrought-iron accessories for the hearth.

In mid-18th century Holland, a fireplace known as a "smuiger" was common, and featured a floor-to-ceiling tiled area surrounding the fireplace. Today, few people select such copious displays for their fireplace, but they still have the option of beautiful tiles from such firms as the H&R Johnson Company, makers of Minton Hollins ceramic tile, or Designs in Tile.

In the 19th century, the fender seat was a functional and decorative innovation, and one that is still available from the Rockingham Fender Seat Co. Their models are either curved- or square-front, with a number of seat and border options.

More modern innovations have included electric fireplaces and freestanding or inserted fireplaces and stoves. Fires of Tradition imports the electric fires from England that winter visitors to that country have found so charming. Meanwhile, Thelin Co. makes modern pellet- or gas-burning stoves with old-fashioned pot-bellied styling.

We surveyed 177 companies manufacturing fireplaces and accessories and from their responses, selected 33 of them as being especially appropriate for the *SourceList* on pp. 32-34. — *LRA*



The Number One Choice of Number Ten Downing.

A complete selection of London's finest gas-fueled firebaskets. Handmade of solid brass, cast iron or polished steel. Available with gas coals or gas logs. Designed to be the most realistic in the world—from the U.S.A.'s exclusive distributor of Real Flame® products. Call 1-800-749-4049 for your free catalog.

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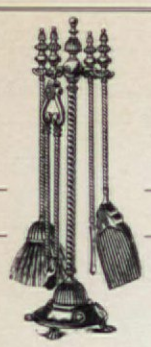


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TRADITIONAL BUILDING's FIREPLACES & ACCESSORIES *SourceList*

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COMPANY	SPECIALTY	Literature	TYPE OF SYSTEM					ACCESSORIES							
			Masonry Heaters	Gas-Fired	Wood-Burning	Pellet-Burning	Other	Firebacks	Gas Logs	Electric Fires	Fireplace Tools	Firescreens	Grates	Fireplace Tile	Other
American Energy Systems, Inc. 50 Academy Lane, Dept. TB Hutchinson, MN 55350 800-495-3196; Fax: 320-587-8872	Wood and gas fireplaces, wood/coal furnaces, pellet stoves, and inserts.	Free	✱	✱	✱	✱	Wood coal, corn burning								
Architectural Iron Designs, Inc. 167 Dey St., Dept. TB Jersey City, NJ 07306 800-784-7444; Fax: 201-222-7767	Distributes a large selection of high-quality, hot-forged steel components for gates, fences, railings, balconies, grilles, furniture, and decorative accessories. Exclusive distributor for B. Rourke & Co.	Free Write in No. 7950										✱			
Biofire Inc. 3220 Melbourne, Dept. TB Salt Lake City, UT 84106 801-486-0266; Fax: 801-486-8100	Imported European masonry wood stoves. Core designs are individually engineered to clients' heating needs. Can be faced in tile, stucco, brick, or combinations. Also available with glass fire-viewing doors.	Free	✱												
Black Rose Forge 12615 Veirs Mill Rd., Dept. TB Rockville, MD 20853 301-946-4605; Fax: 301-946-4605	Works in all aspects of architectural and art metal; custom designs elegantly crafted in forged steel, copper, and bronze.	Free Write in No. 7550									✱	✱	✱		Custom art metal
Buckley Rumford Fireplace Co. 1035 Monroe St., Dept. TB Port Townsend, WA 98368 800-447-7788; Fax: 360-385-1624	Fireplace technical-design service specializing in the restoration of 18th- and 19th-century fireplaces and the construction of new Rumford fireplaces. Also supplies Rumford fireplace and chimney components.	Free Write in No. 2590					Rumford fireplaces								Rumford components
Champlain Stone, Ltd. P.O. Box 650, Dept. TB Warrensburg, NY 12885 518-623-2902; Fax: 518-623-3088	Stone from their six quarries in granite, quartzite, and limestone, for building veneer, wall stone, flagging, and ashlars, in various colors and textures.	Free Write in No. 4270													Fireplace wall stone
Christopher Thomson Ironworks P.O. Box 578, Dept. TB Ribera, NM 87560 505-421-2645; Fax: 505-421-2618	High-end, hand-forged furniture and furnishings for corporate offices, hotel rooms, and lobbies: lamps, desks, tables, fireplace accessories, and drapery rods.	Free Write in No. 237									✱	✱	✱		Fireside floor candles
Country Stoves, Inc. P.O. Box 987, Dept. TB Auburn, WA 98071 206-735-1100; Fax: 206-931-1271	This company designs and hand-crafts clean-burning, non-catalytic wood-burning stoves. Fireplace converters and several etched-glass and faceplate options are available.	Free		✱	✱		Freestanding gas stoves								
Designs in Tile P.O. Box 358, Dept. TB Mt. Shasta, CA 96067 530-926-2629; Fax: 530-926-6467	Custom historic tiles and murals; 1-1/2-in.-x-6-in. majolica fireplace tiles; suitable for interiors or exteriors. Victorian mosaic entries, Arts & Crafts-style hand-decorated pavers, fountains, floors, fireplaces, and molded trim. Custom work.	Free Write in No. 250												✱	
Fires of Tradition 316 Brock Rd., Dept. TB Greensville, Ont., CANADA L9H 5H5 905-627-4147; Fax: 905-627-5854	Traditional English fireplace tiles, raised and tubeline. Reproduction cast-iron mantels and inserts, cast-resin mantels, electric fireplaces.	Free Write in No. 297					Cast-iron inserts			✱				✱	
HearthStone/NHC, Inc. P.O. Box 1069, Dept. TB Morrisville, VT 05661 802-888-5232; Fax: 802-888-7249	Wood stoves and gas-fired heaters made of cast iron and stone.	Free		✱	✱										
Hitzer, Inc. 269 East Main St., Dept. TB Berne, IN 46711 219-589-8536; Fax: 219-589-3538	Heating and cooking systems; most built by the company's 11 Amish craftsmen; inserts, heaters, blower units, and stoves; coal-burning and wood-burning units.	Free					Coal burning								
Homefires P.O. Box 11313, Dept. TB Charlotte, NC 28220 704-376-9747; Fax: 704-376-0268	U.S. distributor of English gas-fueled firebaskets; grates are handmade from solid brass, cast iron, and polished steel; available with company's own gas logs and gas coals.	Free Write in No. 337		✱			Gas coal fires, decorative firegrates		✱				✱		Gas coals
Jefferson Mack Metal, Inc. 2094 Oakdale Ave., Dept. TB San Francisco, CA 91424 415-550-9328; Fax: 415-285-3365	Hot-forged, hand-finished architectural metalwork: railings, grilles, gates, fences, sculpture, and door hardware. Also, custom iron furniture, garden torches, chandeliers, and more.	Free Write in No. 1079									✱	✱	✱		
Johnson, H&R P.O. Box 2335, Dept. TB Farmingdale, NJ 07727 732-528-2248; Fax: 732-528-2249	Company manufactures the Minton Hollins Collection of Victorian ceramic tiles; geometrics, encaustics, and other tiles for use in fireplace surrounds, floors, etc. CAD service; setting materials and grouts.	Free Write in No. 5680												✱	
Leonard Antique Hardware, Jim 509 Tangle Dr., Dept. TB Jamestown, NC 27282 910-454-3583; No fax	18th- and 19th-century wrought-iron door hardware and fireplace equipment: latches, hinges, slide bolts, cranes, trammels, andirons, pots, utensils, toasters, tongs, shovels, bootscrapers, and more.	Free brochure, catalog $3					Antique fireplace accessories				✱				Cranes, trammels
Maine Wood Heat Co. RFD 1, Box 640, Dept. TB Norridgewock, ME 04957 207-696-5442; Fax: 207-696-5856	Complete line of masonry heaters, bakeovens, and cookstove castings made in Finland.	Free brochure, catalog $5	✱												Plans, books
Martin Industries P.O. Box 128, Dept. TB Florence, AL 35631 205-767-0330; Fax: 205-740-5112	Products include wood-burning, direct-vent gas, vent-free gas, "Reality" vent-free gas logs, compact vent-free "Maxihearth," and a number of other fireplaces and logs.	Free		✱	✱				✱						Venting/ chimney kits
Napoleon Fireplaces R.R. #1, Dept. TB Barrie, Ont., CANADA L4M 4Y8 705-721-1212; Fax: 705-722-6031	High-efficiency, gas- or wood-burning fireplaces, stoves, and inserts; high-efficiency gas direct-vent fireplaces.	Free	✱	✱	✱		Oil		✱						Mantels
Nocera Art Tile Co. 20 Kirk St., Dept. TB West Orange, NJ 07052 973-325-7528; Fax: Same as phone	Ceramic surround systems in relief and flat surface tile with coordinated hearth tile. Muted glaze colors and antiqued terra cotta. Fits well with marble and wood. Detailed hand-painted natural scenes for above mantel. Custom design and fabrication.	Free brochure, color sheets $5 Write in No. 6100												✱	
Olde Stove Works 33507 Thompson Ave., Dept. TB Mission, BC, CANADA V2V 2W9 604-826-5669; Fax: 604-826-9228	Heritage-style appliances; gas, electric, and wood cookstoves; also, heritage bathroom fixtures and plumbing accessories.	Free	✱	✱	✱		Cook stoves	✱	✱	✱	✱	✱	✱		
Orrville Products P.O. Box 902, Dept. TB Orrville, OH 44667 330-683-4010; Fax: 330-684-2619	"Country Comfort" woodstoves and "Comfortec" gas fireplaces; zero-clearance, rear-vent, and freestanding models.	Free		✱	✱		Direct-vent models								Components
Peterson Co., Robert H. 530 Baldwin Park Blvd., Dept. TB City of Industry, CA 91746 626-369-5085; Fax: 626-369-5979	Company has manufactured Real-Fyre gas logs for over 45 years. It also offers Hallmark brass fireplace accessories such as fenders, tools, and screens.	Free						✱		✱	✱		✱		Vent-free heater gas logs
Rais & Wittus Inc. 23 Hack Green Rd., Dept. TB Pound Ridge, NY 10576 914-764-5679; Fax: 914-764-0029	Freestanding fireplace/stoves that are clean burning and energy efficient. Models include fireplace inserts; an "open fire" stove in seven colors.	Free Write in No. 7580	✱				Inserts								
Rockingham Fender Seats 70 Undercliff St., Dept. TB Yonkers, NY 10705 914-375-3742; Fax: 914-375-3743	U.S. representative of British company manufacturing custom and ready-made club fenders (a fireside surround-base in brass, steel, or wood; seats in leather or fabric); provide elegant, extra seating around the fireplace.	Free Write in No. 268													Fender seats

ROCKINGHAM



TRADITIONAL

FENDER SEATS

GRANGE FARM, THORNEY,
PETERBOROUGH, ENGLAND PE6 0PJ
Telephone 0044 1733 270233
Fax 0044 1733 270512

Makers of
CLUB FENDER SEATS
in Brass, Steels & Woods
or any combination.
Seats in hand-dyed
quality leather or
fabrics of your choice.

Free color catalogue by
phoning our Agent
PENNY THORNTON-CLOSE
on 914 375 3742 or
Fax 914 375 3743
or contact us direct

WRITE IN NO. 268

RAIS

ART OF FIRE

Crisp clean design, Rais offers **fireplace/stoves** that are energy efficient, clean burning, and fun to cook on too!



For information and catalog on all the Rais Products, including our classic and new color models, please contact:

Rais & Wittus Inc.
23 Hack Green Road
Pound Ridge, NY 10576

(914) 764-5679
(914) 764-0029 FAX

DEALER/SHOWROOMS
Current - Seattle, WA
Domus - Atlanta, GA
Harbor Farm - Little Deer Isle, ME
Limn - San Francisco, CA
Luminaire - Chicago, IL - Miami, FL
Okell's - Hermosa Beach, CA
Pritam & Eames - East Hampton, NY
Scandinavian Design - NYC

Winner of the Danish Design Award

WRITE IN NO. 7580

TRADITIONAL BUILDING *on* THE WEB

DATABASE OF THE 195 LEADING SUPPLIERS OF HISTORICAL PRODUCTS



TRADITIONAL BUILDING now has a Home Page on the WORLD WIDE WEB.

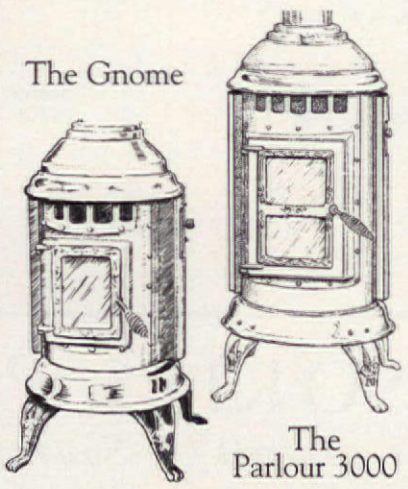
There you'll find a database of the 195 companies most frequently mentioned in the pages of the magazine . . . indexed in 98 product categories.

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from
THELIN CO., INC.

The Gnome



The Parlour 3000

http://www.thelinco.com
1-800-949-5048

WRITE IN NO. 62

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PRODUCT LITERATURE
FILL OUT THE ENCLOSED POSTCARD OR USE THE COUPON ON PAGE 176.

THE RUMFORD FIREPLACE



Rumford fireplaces are more popular now than at any time since Thomas Jefferson had them built at Monticello in 1796. The tall traditional Rumfords look appropriate in the best restorations as well as in classically designed modern homes. The legendary heating efficiency of Rumford fireplaces is attractive to those who are building energy efficient homes and are concerned about air quality.

COMPONENTS:
Superior Clay
800-848-6166

Visit our site on The Web:
http://www.olympus.net/biz/buckley/rumford.html
Approved in Colorado • Certified in Washington

DESIGN:
Jim Buckley
800-447-7788

WRITE IN NO. 2590

Victorian Fireplaces

In Solid Brass, Cast Iron or Aluminum

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Optional patinas & plated finishes available.



Vestal Fires
P.O. Box 307
Manhattan, IL 60442-0307
815-423-5018
Fax: 815-423-6101
http://members.aol.com/vestafires/vestal.htm

WRITE IN NO. 9080

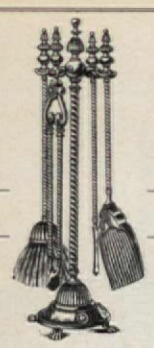
Select Stove & Antique Co.



- Specializing in restored American antique parlor heaters.
- Fine quality gas, wood and coal.

Call for information
(806) 796-0124

WRITE IN NO. 321



TRADITIONAL BUILDING's FIREPLACES & ACCESSORIES SourceList

CSI #10300

COMPILED BY LAURA R. ALLEN

COMPANY	SPECIALTY	Literature	TYPE OF SYSTEM					ACCESSORIES							
			Masonry Heaters	Gas-Fired	Wood-Burning	Pellet-Burning	Other	Firebacks	Gas Logs	Electric Fires	Fireplace Tools	Firescreens	Grates	Fireplace Tile	Other
Schaefer Co. **601 N. Long St., Dept. TB** **Salisbury, NC 28144** **704-637-0980; Fax: 704-637-0091**	Fireplace screen doors, tools, glass enclosures, arched lintels, and outside air ventilators.	Free													Glass doors
Select Stove & Antiques **7106 32nd St., Dept. TB** **Lubbock, TX 79407** **806-796-0124; Fax: Same as phone**	Antique American heating stoves professionally restored; ornate, high-quality heaters, fully functional; coal, wood, and gas.	Free Write in No. 321		✱	✱		Coal, antique stoves								
Stone Manufacturing Co. **1636 West 135 St., Dept. TB** **Gardena, CA 90249** **310-323-6720; No fax**	Manufactures coordinated fireplace-accessory line; contemporary, traditional, and antique recreations; wrought iron and brass. Custom design and fabrication. Unique hand finishes.	Free					Ceramic gas coals				✱	✱	✱		Doors, andirons, chenets, fender seats
Stone Yard **66 North Rd., Dept. TB** **Groton, MA 01450** **800-231-2200; Fax: 508-448-2699**	Stone tiles, 3/4-in.- and 1-1/4-in.-thick slabs for surrounds, hearths, and more.	Free												✱	Stone for fireplaces, surrounds
Thelin Co., Inc. **PO Box 847, Dept. TB** **Nevada City, CA 95959** **916-273-1976; Fax: 916-273-3707**	Manufacturer of pellet and gas stoves with a parlour, pot-belly look.	Free Write in No. 62		✱		✱									
Tim & Billy's Architectural Salvage **970 Ft. Wayne Ave., Dept. TB** **Indianapolis, IN 46202** **317-632-7161; Fax: 317-632-0047**	Architectural-salvage store with a large line of antique elements, including entryways, mantels, locksets and hardware, stained glass, and period lighting.	Free Write in No. 4380									✱	✱			
Vestal Fires, Inc. **P.O. Box 307, Dept. TB** **Manhattan, IL 60442** **815-423-5018; Fax: 815-423-6101**	Reproduction Victorian and Art Nouveau cast-iron, solid-brass, and aluminum fireplaces that are flueless and burn clean, non-toxic gel fuel. Accessories include wrought-iron twigs, fragrance holders, and mirrors; optional patinas and plated finishes available.	Free Write in No. 9080					Fireplaces burn gel fuel								Accessories, refills
Wilkening Fireplace Co. **HCR 73, Box 625, Dept. TB** **Walker, MN 56484** **800-367-7976; Fax: 218-547-2848**	Manufactures high-efficiency wood-burning masonry and zero-clearance systems. Air-tight glass doors and heat-exchanging inserts can be retrofitted into existing masonry fireplaces.	Free			✱							✱			Glass front doors

FIREPLACES & ACCESSORIES PORTFOLIO

For more information on these companies, consult the SourceList on pp. 32-34.



This fireplace, the "Art Nouveau" from VESTAL FIRES, INC., is made of burnished cast iron, with patinas and plated finishes also available; the face is 46 in. tall x 36 in. wide, and the mantel top measures 42 in. wide. It can be used as a surround or as a totally ventless, free-standing fireplace. *Write in No. 9080*



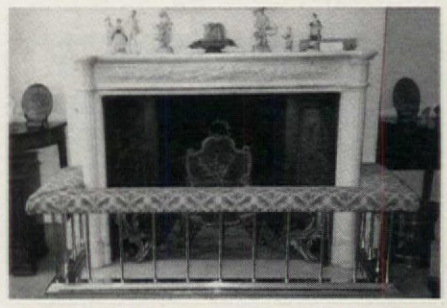
Art Nouveau is the theme in decorating this fireplace, using tiles available from H&R JOHNSON: a pair of vertical "Susa" five-tile panels, and a border of "Cyrus" tiles on the hearth. *Write in No. 5680*



This early-20th-century "Garnet" heating stove is all fired up to enjoy another lifetime of productivity, thanks to the restoration specialists at SELECT STOVE & ANTIQUES. *Write in No. 321*



Corinthian granite from CHAMPLAIN STONE, LTD., was used to construct this breathtaking, full-wall fireplace. *Write in No. 4270*



The Edwardian innovation of the fender seat, custom designed to fit around the front of a fireplace and provide a cozy seating arrangement in front of the fire, has found new life with the fine products of ROCKINGHAM FENDER SEATS. *Write in No. 268*



A characteristically shallow Rumford fireplace, so designed to better radiate heat, is from BUCKLEY RUMFORD FIREPLACE CO. The design is based on pioneering research done by Count Rumford in the 18th century, which has never been improved upon. *Write in No. 2590*



The "RAIS 115" is the tallest of the rectangular classic fireplace/stoves available from RAIS & WITTUS. Boasting the largest firebox and baking facilities the company offers, it comes with either double-hinged steel doors or a single large tempered-glass door. *Write in No. 7580*



The line of cast-iron English Victorian mantels from FIRES OF TRADITION boasts such gems as "The Elgin," available in black or highlight, which also features Bibury tiles. *Write in No. 297*

Instant Access to Product Literature for FIREPLACES & ACCESSORIES

If your office qualified to receive the 1997 TRADITIONAL BUILDING CATALOG, you'll find prefiled and indexed product literature there for the following suppliers of Fireplaces & Accessories:

Ball & Ball • California Handcrafted Tile Designs in Tile • Lighting by Hammerworks
London Tile Co. • Metropolitan Ceramics • Tim & Billy's Architectural Antiques

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PRODUCT LITERATURE

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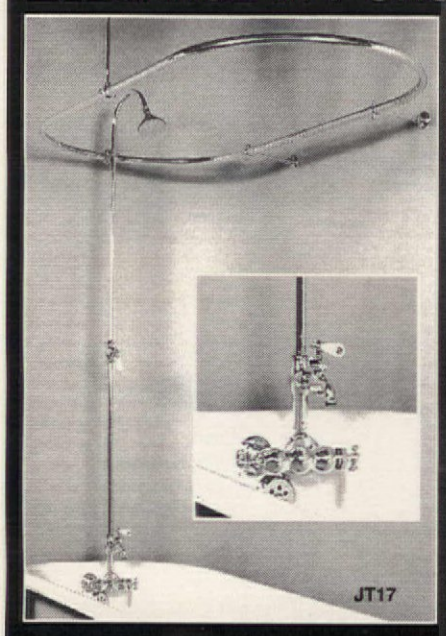
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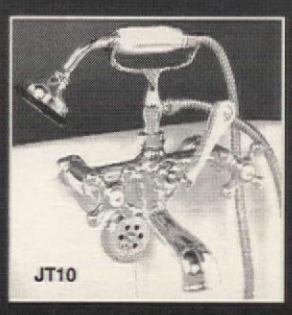
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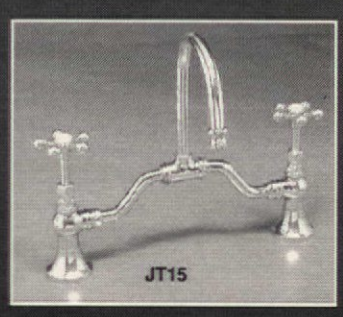
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PO Box 368 • 5191 Stump Rd. • Plumsteadville, PA 18949 • 215-766-0900 • 1-800-726-7380

WRITE IN NO. 3250

ELEGANCE IN PORCELAIN AND BRASS WITH A TOUCH OF THE PAST

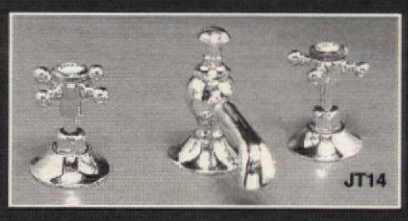






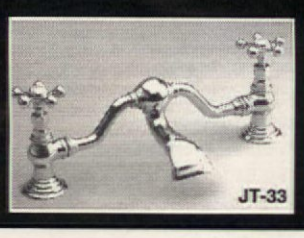


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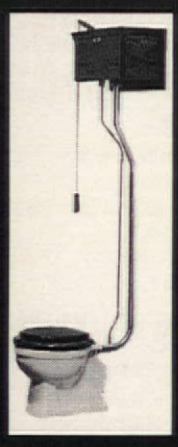




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1-617-335-2445

WRITE IN NO. 2430

ARCHITECTURAL ANTIQUES

There are occasions when only an original, antique element will do. For situations like that, on the following four pages, we've assembled 63 purveyors of architectural antiques and salvage across the U.S. The product index below must be taken only as an approximation. Since much architectural salvage consists of one-of-a-kind pieces, inventory fluctuates from week to week.

Most of the companies listed on the following four pages will send photos if you call them with a specific request, or you can fax them a drawing or photo of items you're seeking. In the case of large-ticket items, some yards will expect a site visit before shipping. **For full contact information on the companies listed below, see the *SourceList* on pp. 37 & 38.**

ARCHITECTURAL ELEMENTS

Aardvark Antiques
Aged Woods, Inc.
Antiquarian Traders
Antique Architectural Circus
Antique Lumber Co.
Architectural Antiques (MN)
Architectural Antiquities
Architectural Artifacts
Architectural Artifacts, Inc.
Architectural Salvage Warehouse
Artefacts Architectural Antiques
Capriola's Architectural Antiques & Salvage
Cash Cow
Coldren, Monroe and Son
Duluth Timber Co.
Garden Park Antiques
Great Gatsby's
Historic Albany Foundation's Parts Warehouse
Historic York Inc.'s Architectural Warehouse
Irreplaceable Artifacts
Metropolitan Artifacts
Myers Restoration & Architectural Salvage
Old House Warehouse
Past Present Future
Pioneer Millworks
Pittsburgh Pike Antique Co.
Renovation Source, Inc.
Restoration Resources Inc.
Ricca's Architectural Sales
Tim & Billy's Architectural Salvage
Tymeless Designs International Inc.
United House Wrecking, Inc.
Urban Archaeology
Wooden Nickel Architectural Antiques

ART GLASS

Aardvark Antiques
Architectural Antiques (MN)
Architectural Artifacts
Architectural Artifacts, Inc.
Architectural Salvage Warehouse
Brandt, Sylvan
Capriola's Architectural Antiques & Salvage
Great Gatsby's
Historic York Inc.'s Architectural Warehouse
Irreplaceable Artifacts
Old House Warehouse
Past Present Future
Pittsburgh Pike Antique Co.
Renovation Source, Inc.
Ricca's Architectural Sales
Tim & Billy's Architectural Salvage
Tymeless Designs International Inc.
United House Wrecking, Inc.
Wooden Nickel Architectural Antiques

BARNS & OUTBUILDINGS

Barn People, Inc.
Barnes Manufacturing
Brandt, Sylvan
Fitzgerald Heavy Timber Construction
Great Gatsby's
New Jersey Barn Co.
Patina Woods Co.

BARS & BACK BARS

Aardvark Antiques
Antiquarian Traders
Antique Architectural Circus
Architectural Antiques (MN)
Architectural Antiques Exchange
Architectural Artifacts
Architectural Artifacts, Inc.
Architectural Salvage Warehouse
Historic Albany Foundation's Parts Warehouse
Irreplaceable Artifacts
Mill Creek Antiques
Past Present Future
Pittsburgh Pike Antique Co.
Restoration Resources Inc.
Tymeless Designs International Inc.
Wooden Nickel Architectural Antiques

BEAMS & BOARDS

Antique Lumber Co.
Architectural Antiquities
Barnes Manufacturing
Brandt, Sylvan
Capriola's Architectural Antiques & Salvage
Chestnut Specialists, Inc.
Duluth Timber Co.
Longleaf Lumber
Myers Restoration & Architectural Salvage
Old House Warehouse
Patina Woods Co.
Pioneer Millworks
Resources For Heart Pine
Riverwood Heart Pine Co.

BENCHES

Aardvark Antiques
Antique Architectural Circus
Architectural Antiques (MN)
Architectural Artifacts
Architectural Artifacts, Inc.
Architectural Salvage Warehouse
Capriola's Architectural Antiques & Salvage
Cash Cow
Garden Park Antiques
Great Gatsby's
Irreplaceable Artifacts
Mill Creek Antiques
Past Present Future
Tymeless Designs International Inc.
United House Wrecking, Inc.
Wooden Nickel Architectural Antiques

CERAMIC TILE

Aardvark Antiques
Architectural Antiques (MN)
Architectural Artifacts, Inc.
Architectural Salvage Warehouse
Irreplaceable Artifacts
Old House Warehouse
Renovation Source, Inc.
Urban Archaeology

CHIMNEY PARTS

Architectural Artifacts, Inc.
Architectural Salvage Warehouse
Artefacts Architectural Antiques
Brandt, Sylvan
Chimney Pot Shoppe (MBE)
Historic York Inc.'s Architectural Warehouse
Irreplaceable Artifacts
Mantels of Yesteryear
Michael Bentley Enterprises
Pittsburgh Pike Antique Co.
Renovation Source, Inc.
Tymeless Designs International Inc.

COLUMNS & CAPITALS

Aardvark Antiques
Antiquarian Traders
Antique Architectural Circus
Architectural Antiques (MN)
Architectural Antiquities
Architectural Artifacts
Architectural Artifacts, Inc.
Architectural Salvage Warehouse
Artefacts Architectural Antiques
Capriola's Architectural Antiques & Salvage
Cash Cow
Garden Park Antiques
Great Gatsby's
Historic Albany Foundation's Parts Warehouse
Historic York Inc.'s Architectural Warehouse
Irreplaceable Artifacts
Mantels of Yesteryear
Metropolitan Artifacts
Old House Warehouse
Past Present Future
Pittsburgh Pike Antique Co.
Renovation Source, Inc.
Resources For Heart Pine
Restoration Resources Inc.
United House Wrecking, Inc.
Wooden Nickel Architectural Antiques

DOORS

Aardvark Antiques
Antiquarian Traders
Antique Architectural Circus
Antique Lumber Co.
Architectural Antiques (MN)
Architectural Antiques Exchange
Architectural Antiquities
Architectural Artifacts
Architectural Artifacts, Inc.
Architectural Salvage Warehouse
Artefacts Architectural Antiques
Brandt, Sylvan
Capriola's Architectural Antiques & Salvage
Coldren, Monroe and Son
Garden Park Antiques
Historic Albany Foundation's Parts Warehouse
Historic York Inc.'s Architectural Warehouse
Irreplaceable Artifacts
Metropolitan Artifacts
Mill Creek Antiques
Myers Restoration & Architectural Salvage
Old House Warehouse
Past Present Future
Pittsburgh Pike Antique Co.
Renovation Source, Inc.
Resources For Heart Pine
Riverwood Heart Pine Co.

FLOORING

Aged Woods, Inc.
Antique Lumber Co.
Architectural Antiques (MN)
Barnes Manufacturing
Brandt, Sylvan
Chestnut Specialists, Inc.
Duluth Timber Co.
Historic Albany Foundation's Parts Warehouse
Myers Restoration & Architectural Salvage
Old House Warehouse
Patina Woods Co.
Pioneer Millworks
Resources For Heart Pine
Restoration Resources Inc.
Riverwood Heart Pine Co.

FURNITURE

Aardvark Antiques
Antiquarian Traders
Antique Architectural Circus
Architectural Artifacts, Inc.
Architectural Salvage Warehouse
Capriola's Architectural Antiques & Salvage
Cash Cow
Coldren, Monroe and Son
Garden Park Antiques
Hill Antiques
Mill Creek Antiques
Past Present Future
Pittsburgh Pike Antique Co.
Riverwood Heart Pine Co.
Tymeless Designs International Inc.
United House Wrecking, Inc.
Wooden Nickel Architectural Antiques

GARDEN ORNAMENT

Aardvark Antiques
Antique Architectural Circus
Architectural Antiques (MN)
Architectural Artifacts
Architectural Artifacts, Inc.
Architectural Salvage Warehouse
Artefacts Architectural Antiques
Capriola's Architectural Antiques & Salvage
Cash Cow
Garden Park Antiques
Great Gatsby's
Irreplaceable Artifacts
Metropolitan Artifacts
Past Present Future
Pittsburgh Pike Antique Co.
Restoration Resources Inc.
Ricca's Architectural Sales
Tymeless Designs International Inc.
United House Wrecking, Inc.
Wooden Nickel Architectural Antiques

HARDWARE

Antique Architectural Circus
Antique Lumber Co.
Architectural Antiques (MN)
Architectural Antiquities
Architectural Artifacts
Architectural Salvage Warehouse
Artefacts Architectural Antiques
Ball & Ball Hardware
Bathroom Machineries, DEA
Brandt, Sylvan
Coldren, Monroe and Son
Colonial Antiques
Decorum, Inc.
Eugenia's Antique Hardware
Historic Albany Foundation's Parts Warehouse
Historic York Inc.'s Architectural Warehouse
Irreplaceable Artifacts
Mac The Antique Plumber
Metropolitan Artifacts
Myers Restoration & Architectural Salvage
Old House Warehouse
Pittsburgh Pike Antique Co.
Renovation Source, Inc.
Restoration Resources Inc.
Ricca's Architectural Sales
Tim & Billy's Architectural Salvage
United House Wrecking, Inc.
Urban Archaeology

IRONWORK

Aardvark Antiques
Antique Architectural Circus
Architectural Antiques (MN)
Architectural Antiquities
Architectural Artifacts
Architectural Artifacts, Inc.
Architectural Salvage Warehouse
Artefacts Architectural Antiques
Capriola's Architectural Antiques & Salvage
Cash Cow
Coldren, Monroe and Son
Historic Albany Foundation's Parts Warehouse
Historic York Inc.'s Architectural Warehouse
Irreplaceable Artifacts
Metropolitan Artifacts
Old House Warehouse
Past Present Future
Pittsburgh Pike Antique Co.
Ricca's Architectural Sales
Tymeless Designs International Inc.
United House Wrecking, Inc.
Wooden Nickel Architectural Antiques

LIGHTING, EXTERIOR

Aardvark Antiques
Antiquarian Traders
Antique Architectural Circus
Architectural Antiques (MN)
Architectural Antiquities
Architectural Artifacts
Architectural Artifacts, Inc.
Architectural Salvage Warehouse
Brooke Grove Antique & Custom Lighting
Capriola's Architectural Antiques & Salvage
Cash Cow
Coldren, Monroe and Son
Garden Park Antiques
Great Gatsby's
Historic Albany Foundation's Parts Warehouse
Historic York Inc.'s Architectural Warehouse
Irreplaceable Artifacts
Metropolitan Artifacts
Old House Warehouse
Past Present Future
Pittsburgh Pike Antique Co.
Renaissance Companies
Renovation Source, Inc.
Restoration Resources Inc.
Ricca's Architectural Sales
United House Wrecking, Inc.
Urban Archaeology
Wooden Nickel Architectural Antiques

LIGHTING, INTERIOR

Aardvark Antiques
Antiquarian Traders
Antique Architectural Circus
Architectural Antiques (MN)
Architectural Antiquities
Architectural Artifacts
Architectural Artifacts, Inc.
Architectural Salvage Warehouse
Bathroom Machineries, DEA
Brooke Grove Antique & Custom Lighting
Capriola's Architectural Antiques & Salvage
Cash Cow
Coldren, Monroe and Son
Colonial Antiques
Decorum, Inc.
Garden Park Antiques
Great Gatsby's
Historic Albany Foundation's Parts Warehouse
Historic York Inc.'s Architectural Warehouse
Irreplaceable Artifacts
Mac The Antique Plumber
Metropolitan Artifacts
Mill Creek Antiques
Old House Warehouse
Past Present Future
Pittsburgh Pike Antique Co.
Renovation Source, Inc.
Restoration Resources Inc.
Ricca's Architectural Sales
Tim & Billy's Architectural Salvage
Tymeless Designs International Inc.
United House Wrecking, Inc.
Urban Archaeology
Wooden Nickel Architectural Antiques

MANTELS

Aardvark Antiques
Antiquarian Traders
Antique Architectural Circus
Architectural Antiques (MN)
Architectural Antiques Exchange
Architectural Antiquities
Architectural Artifacts
Architectural Artifacts, Inc.
Architectural Salvage Warehouse
Artefacts Architectural Antiques
Capriola's Architectural Antiques & Salvage
Cash Cow
Coldren, Monroe and Son
Garden Park Antiques
Great Gatsby's
Historic Albany Foundation's Parts Warehouse
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Old House Warehouse
Pittsburgh Pike Antique Co.
Renovation Source, Inc.
Restoration Resources Inc.
Ricca's Architectural Sales
United House Wrecking, Inc.
Urban Archaeology
Vintage Plumbing

PANELING

Antique Architectural Circus
Antique Lumber Co.
Architectural Antiques Exchange
Architectural Artifacts
Architectural Artifacts, Inc.
Architectural Salvage Warehouse
Brandt, Sylvan
Capriola's Architectural Antiques & Salvage
Duluth Timber Co.
Garden Park Antiques
Historic Albany Foundation's Parts Warehouse
Irreplaceable Artifacts
Myers Restoration & Architectural Salvage
Old House Warehouse
Pittsburgh Pike Antique Co.
Resources For Heart Pine
Restoration Resources Inc.
Riverwood Heart Pine Co.

PLUMBING FIXTURES

Antique Architectural Circus
Architectural Antiques (MN)
Architectural Antiques Exchange
Architectural Antiquities
Architectural Artifacts
Architectural Artifacts, Inc.
Architectural Salvage Warehouse
Bathroom Machineries, DEA
Decorum, Inc.
Historic Albany Foundation's Parts Warehouse
Historic York Inc.'s Architectural Warehouse
Irreplaceable Artifacts
Mac The Antique Plumber
Old House Warehouse
Pittsburgh Pike Antique Co.
Renovation Source, Inc.
Restoration Resources Inc.
United House Wrecking, Inc.
Urban Archaeology
Vintage Plumbing

RADIATORS

Antique Architectural Circus
Architectural Antiques Exchange
Architectural Salvage Warehouse
Historic Albany Foundation's Parts Warehouse
Historic York Inc.'s Architectural Warehouse

RESTORATION SERVICES

Ball & Ball Hardware
Barnes Manufacturing
Coldren, Monroe and Son
Good Time Stove Co.
Mill Creek Antiques
Myers Restoration & Architectural Salvage
Renaissance Companies
Renovation Source, Inc.
Restoration Resources Inc.
Tymeless Designs International Inc.
United House Wrecking, Inc.
Urban Archaeology

SIDING

Patina Woods Co.
Riverwood Heart Pine Co.

STAIR PARTS

Aged Woods, Inc.
Antique Architectural Circus
Antique Lumber Co.
Architectural Antiques (MN)
Architectural Antiques Exchange
Architectural Antiquities
Architectural Artifacts
Architectural Salvage Warehouse
Artefacts Architectural Antiques
Barnes Manufacturing
Capriola's Architectural Antiques & Salvage
Historic Albany Foundation's Parts Warehouse
Historic York Inc.'s Architectural Warehouse
Metropolitan Artifacts
Myers Restoration & Architectural Salvage
Old House Warehouse
Renovation Source, Inc.
Resources For Heart Pine
Restoration Resources Inc.
Riverwood Heart Pine Co.
United House Wrecking, Inc.

STATUARY

Aardvark Antiques
Antiquarian Traders
Antique Architectural Circus
Architectural Antiques (MN)
Architectural Artifacts
Architectural Artifacts, Inc.
Architectural Salvage Warehouse
Capriola's Architectural Antiques & Salvage
Cash Cow
Garden Park Antiques
Great Gatsby's
Irreplaceable Artifacts
Past Present Future
Pittsburgh Pike Antique Co.
Tymeless Designs International Inc.
United House Wrecking, Inc.
Wooden Nickel Architectural Antiques

STOVES & HEATERS

Antique Stove Association
Decorum, Inc.
Good Time Stove Co.
Irreplaceble Artifacts
Macy's Texas Stove Works
Mill Creek Antiques
Select Stove & Antiques

WAINSCOTING

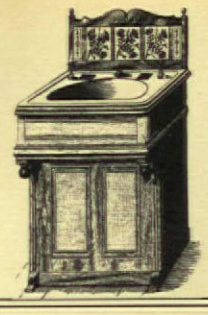
Antique Architectural Circus
Antique Lumber Co.
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Architectural Antiquities
Architectural Artifacts
Architectural Salvage Warehouse
Capriola's Architectural Antiques & Salvage
Garden Park Antiques
Historic Albany Foundation's Parts Warehouse
Irreplaceable Artifacts
Myers Restoration & Architectural Salvage
Old House Warehouse
Patina Woods Co.
Pittsburgh Pike Antique Co.
Resources For Heart Pine
Restoration Resources Inc.
Riverwood Heart Pine Co.

WEATHERVANES

Architectural Antiquities
Architectural Salvage Warehouse
Old House Warehouse
United House Wrecking, Inc.

WINDOWS

Aardvark Antiques
Antiquarian Traders
Antique Architectural Circus
Architectural Antiques (MN)
Architectural Antiquities
Architectural Artifacts
Architectural Artifacts, Inc.
Architectural Salvage Warehouse
Artefacts Architectural Antiques
Brandt, Sylvan
Capriola's Architectural Antiques & Salvage
Cash Cow
Coldren, Monroe and Son
Garden Park Antiques
Historic Albany Foundation's Parts Warehouse
Historic York Inc.'s Architectural Warehouse
Irreplaceable Artifacts
Metropolitan Artifacts
Myers Restoration & Architectural Salvage
Old House Warehouse
Pittsburgh Pike Antique Co.
Restoration Resources Inc.
United House Wrecking, Inc.

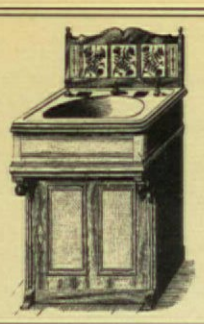


THE YELLOW PAGES FOR ARCHITECTURAL ANTIQUES

COMPILED BY COLE GAGNE

COMPANY	SPECIALTY
Aardvark Antiques 475 Thames St., Dept. TB Newport, RI 02840 800-446-1052; Fax: 401-849-1591	Specializing in large and unusual architectural pieces, this Rhode Island company offers grand iron gates and fencing, granite posts, lighting, stained glass, mantels. A major supplier of bronze, marble, and stone garden urns.
Aged Woods, Inc. 2331 East Market Street, Dept. TB York, PA 17402 800-233-9307; Fax: 717-840-1468	Rustic, recycled antique woods and beams for T&G plank flooring, timber framing, paneling, stair parts, moldings, and in dimensional form for cabinetry. Kiln-dried and milled.
Antiquarian Traders 9031 W. Olympic Blvd., Dept. TB Beverly Hills, CA 90211 310-247-3900; Fax: 310-247-8864	American Victorian, French, Art Nouveau, and Deco antiques from the 19th and 20th centuries to furnish bedrooms, dining rooms, parlors, and offices; lighting; architectural pieces; 4,000-sq.ft. woodworking/refinishing shop.
Antique Architectural Circus 885 Niagara St., Dept. TB Buffalo, NY 14213 716-885-5555; Fax: No fax	Specialist in dismantling architectural elements from churches, schools, mansions, and other noteworthy buildings, and putting these items back into play.
Antique Lumber Co. 1810 Ivy Lane, Dept. TB Winter Park, FL 32792 407-673-5621; Fax: No fax	Firm specializes in resawn heart-pine beams, along with doors made from salvaged lumber and other architectural elements.
Antique Stove Association 2617 Riverside Drive, Dept. TB Houston, TX 77004 713-528-2990; Fax: 713-529-2122	Referrals to sources of information about antique stoves, heaters, and related items: their use, history, repair, and restoration.
Architectural Antiques 801 Washington Ave., N., Dept. TB Minneapolis, MN 55401 612-332-8344; Fax: 612-332-8967	Regular stock of vintage & repro lighting fixtures, stained- & Prairie-glass windows, mantels, doors, hardware, columns, ironwork, terra cotta, garden furnishings, marble, granite, plumbing, religious articles, and more. Two other store locations: Stillwater, Minn. (612-439-2133), and Denver, Colo. (303-297-9722).
Architectural Antiques Exchange 715 North Second St., Dept. TB Philadelphia, PA 19123 215-922-3669; Fax: 215-922-3680	Sale and rental of architectural salvage wood and marble mantels, fancy doors, ornate armoires, carved sideboards, street lamps, leaded and beveled glass, pier mirrors, bars and back bars, paneled rooms, and libraries.
Architectural Antiquities Dept. TB Harborside, ME 04642 207-326-4938; Fax: No fax	Primarily Victorian-era antiques, including plumbing, hardware, interior and exterior lighting, columns, brackets, doors, windows, ironwork, fretwork, beams, stair parts, and mantels all cleaned and refurbished. 45-min. video.
Architectural Artifacts 20 So. Ontario, Dept. TB Toledo, OH 43602 419-243-6916; Fax: 419-243-0094	The firm salvages commercial and residential buildings to stock its over-20,000-sq.ft. showroom with architectural detailing and garden ornament. Also, mantels, lighting, hardware, and statuary.
Architectural Artifacts, Inc. 4325 No. Ravenswood, Dept. TB Chicago, IL 60613 773-348-0622; Fax: 773-348-6118	30,,000-sq.ft., well lit and organized showroom houses American and European antiques, featuring fireplaces, garden ornament (no reproductions), and architectural elements.
Architectural Salvage Warehouse 212 Battery St., Dept. TB Burlington, VT 05401 802-658-5011; Fax: 802-658-5011	The company buys buildings for salvage and sells rescued items directly to the public; vintage house parts include bathtubs, hardware, doors, mantels, columns, stained glass, lighting, and more.
Artefacts Architectural Antiques 17 King St., Dept. TB St. Jacobs, ON, CANADA N0B 2N0 519-664-3760; Fax: 519-664-1303	Mantels and accessories; early Ontario & Quebec (1780-1930) antiques. Also, complete glass service (including slumping & fusing), American & Canadian iron.
Ball & Ball Hardware 463 W. Lincoln Hwy., Dept. TB Exton, PA 19341 610-363-7330; Fax: 610-363-7639	Manufactures historically accurate copies of 18th-, 19th-, and 20th-century builder's hardware and lighting. Broad line of furniture hardware and fireplace tools; repairs and sells antique hardware; custom reproductions.
Barn People, Inc. P.O. Box 4, Morgan Hill, Dept. TB South Woodstock, VT 05071 802-457-3356; Fax: 802-457-3358	Meticulous dismantling of vintage Vermont barns and outbuildings which are reassembled as dwellings, additions, commercial structures, Great Rooms, and more; consulting services.
Barnes Manufacturing P.O. Box 439, Highway 40 West, Dept. TB Kenbridge, VA 23944 804-676-8210; Fax: 804-676-3455	First-growth heavy timbers salvaged from dismantled buildings. Virgin heart-pine boards for flooring.
Bathroom Machineries, DEA 495 Main St., Dept. TB Murphys, CA 95247 800-255-4426; Fax: 209-728-2403	Restorer of plumbing and lighting fixtures; reproduction and original lighting, hardware, tubs, sinks, toilets, transom hardware, pull-chain toilets. Also, videos and catalogs.
Brandt, Sylvan 651 Main St., Dept. TB Lititz, PA 17543 717-626-4520; Fax: 717-626-5867	18th- and 19th-century building materials salvaged from old houses, grist mills, and barns, including hand-hewn logs, windows, doors, flooring, and paneling.
Brandy Hollow Restorations Brandy Hollow Rd., P.O. Box 7, Dept. TB Durham, NY 12422 518-239-4746; Fax: Same as phone	Over 20 dismantled antique barns, carriage houses, and farmhouses. Offers structural restoration and frame altering for customized needs using antique building materials and traditional joinery. Delivery and setup anywhere.
Brooke Grove Antique & Custom Lighting P.O. Box 5007, Dept. TB Laytonsville, MD 20882 800-445-4837; Fax: 301-926-4023	Antique and antique-style custom lighting. Also, large selection of replacement glass and custom glass mold work.
Capriola's Architectural Antiques & Salvage 218 N. Warren Avenue, Dept. TB Malvern, PA 19355 610-647-3380; Fax: 610-647-5203	Company offers quality, documented architectural salvage, including woodwork, lighting, doors, windows, mantels, statuary, ironwork, furniture, and columns. Stained and leaded glass, pews, and other salvaged church elements are a specialty.
Cash Cow 790 Edison Furlong Rd., Box 7, Dept. TB Furlong, PA 18925 215-794-8790; Fax: 215-345-0136	Large selection of unique and unusual architectural elements and garden ornament offered wholesale to the trade. Customers can provide company with a description and/or photo, and Cash Cow will find the item they are searching for.
Chestnut Specialists, Inc. 400 Harwinton Ave., Dept. TB Plymouth, CT 06782 860-283-4209; Fax: 860-283-4209	Original planks and remilled flooring from antique salvaged lumber in chestnut, oak, and pine. Random-width, -length; planed T&G or square-edged, kiln-dried. Antique barn beams also available.
Chimney Pot Shoppe (MBE) 1915 Brush Run Road, Dept. TB Avella, PA 15312 412-345-3601; Fax: 412-345-3601	Major importer of antique chimney pots (from 1850); selection of English and American pots with functional and ornamental uses.
Coldren, Monroe and Son 723 E. Virginia Ave., Dept. TB West Chester, PA 19380 610-692-5651; Fax: 610-918-1722	Suppliers of 18th- and 19th-century original hardware. Each item is restored to customer's specifications. Full-metal restoration and custom production to order.
Colonial Antiques 5000 W. 96th St., Dept. TB Indianapolis, IN 46268 317-873-2727; Fax: No fax	Salvage source has large selection of lighting; also hardware, mantels, doors, ironwork, garden ornament, leaded and stained glass. Some restored, most as is. Mission, Arts & Crafts, Art Deco, and Victorian.

COMPANY	SPECIALTY
Decorum, Inc. 231 Commercial Street, Dept. TB Portland, ME 04101 207-775-3346; Fax: 207-775-3038	New and antique decorative hardware and accessories, clawfoot tubs, slate sinks, old stoves, pedestal sinks, lighting, doors, windows, and more.
Duluth Timber Co. P.O. Box 16717, Dept. TB Duluth, MN 55816 218-727-2145; Fax: 218-727-0393	Resawn planks and beams, flooring, paneling, and custom millwork from recycled timbers; 'as is' timbers; national shipping.
Eugenia's Antique Hardware 5370-72 Peachtree Rd., Dept. TB Chamblee, GA 30341 800-337-1677; Fax: 770-458-5966	Supplier of authentic antique hardware, such as curtain tie-backs, door knockers, hinges, door plates, rosettes, furniture hardware, and twist bells. Vintage bathroom accessories in nickel-plated brass and porcelain.
Fitzgerald Heavy Timber Construction Box 143, Dept. TB Thurmont, MD 21788 301-271-1843; Fax: 301-271-1842	Repairs to historic covered bridges and timber frames. Hand-formed standing-seam roofing; wooden-shake and slate roofing; complete restoration services.
Garden Park Antiques 515 W. Thompson Ln., Dept. TB Nashville, TN 37211 615-254-1996; Fax: 615-254-6471	Largest architectural website (1500 photos): www.gardenpark.com/antiques. Specializing in antique cast and wrought iron, terra cotta, stone, wood, mantels, lighting, columns, garden antiques, and custom furniture from architectural items. No reproductions.
Good Time Stove Co. Route 112, P.O. Box 306, Dept. TB Goshen, MA 01032 413-268-3677; Fax: 413-268-9284	Restored antique parlor stoves, kitchen ranges, and gas/wood combos.
Great Gatsby's 5070 Peachtree Ind. Blvd., Dept. TB Atlanta, GA 30341 800-428-7297; Fax: 770-457-7250	Antique gallery and auction house with an ever-changing inventory of garden ornament, furnishings, stained glass, entryways, fountains, gazebos, mantels, fine art, and statuary.
Hill Antiques 700 Seventh St., 2nd Floor, #227, Dept. TB San Francisco, CA 94107 415-522-1190; Fax: 415-522-1196	Source for antique American Victorian furniture, emphasizing Renaissance Revival with original finish. Nationwide delivery.
Historic Albany Foundation's Parts Warehouse 89 Lexington Ave., Dept. TB Albany, NY 12206 518-465-2987; Fax: No fax	One of the oldest non-profit architectural-salvage warehouses in the country. The inventory of historic building parts includes columns, doors, windows, flooring, lighting, mantels, plumbing, stair parts, radiators, and wainscoting.
Historic York Inc.'s Architectural Warehouse 224 North George St., Dept. TB York, PA 17401 717-854-7152; Fax: No fax	Purveyors of salvaged doors, windows, shutters, hardware, mantels, lighting, plumbing fixtures, and much more.
Irreplaceable Artifacts 14 Second Ave., Dept. TB New York, NY 10003 212-777-2900; Fax: 212-780-0642	The equivalent of two football fields of architectural ornament from demolished buildings; dismantling of terra-cotta and stone facades.
Longleaf Lumber 9 Chalk Street, Dept. TB Cambridge, MA 02139 617-354-5663; Fax: 617-576-6657	Antique heart-pine flooring and custom milling; international container shipping; wide-plank and random-width boards.
Mac The Antique Plumber 6325 Elvas Ave., Dept. TB Sacramento, CA 95819 916-454-4507; Fax: 916-454-4150	The 96-pg., 4-color catalog includes bathroom suites, tugs, showers, sinks, faucet sets, re-finished antique cast-iron tubs, accessories, hardware, lighting, more.
Macy's Texas Stove Works 5515 Almeda Rd., Dept. TB Houston, TX 77004 713-521-0934; Fax: 713-521-0889	Sale, repair, and restoration of ranges and heaters; parts and services; porcelain and chrome; range-clock repair.
Mantels of Yesteryear P.O. Box 908, Dept. TB McCaysville, GA 30555 706-492-5534; Fax: 706-492-3758	Wholesale and retail sales of antique mantels; over 100 in inventory. Also, limited line of reproduction mantels. Will send photos; send style, material, and dimension specs; will also locate pieces.
Metropolitan Artifacts 4783 Peachtree Rd., Dept. TB Atlanta, GA 30341 770-986-0007; Fax: 770-457-8670	Specialist in turn-of-the-century interior and exterior architectural items and restaurant decor: plumbing accessories, doors, windows, and mantels in wood, marble, stone, and iron.
Mill Creek Antiques 109 Newbury, Dept. TB Paxico, KS 66526 913-636-5520; Fax: No fax	Specialist in antique stoves and indoor lighting; also, restoration of antique cooking and heating stoves.
Myers Restoration & Architectural Salvage RFD 2, Box 1250, Dept. TB Clinton, ME 04927 207-453-7010; Fax: No fax	Firm specializes in the restoration, preservation, and reproduction of 18th- and 19th-century houses, and has a showroom stocked with doors, windows, flooring, paneling, wainscoting, mantels, and hardware.
New Jersey Barn Co. P.O. Box 702, Dept. TB Princeton, NJ 08542 609-924-8480; Fax: 609-730-1030	Since 1980, this company has been salvaging and re-erecting prime-quality barns. Now offering a design service for barn houses and other restoration projects.
Old House Warehouse RR #5, Box 3, Dept. TB Peru, IN 46970 765-473-8088; Fax: 765-473-8088	Company boasts a complete line of architectural antiques, ranging from the very simple to the highly ornate, with a constantly changing inventory.
Past Present Future 336 East Franklin Ave., Dept. TB Minneapolis, MN 55404 612-870-0702; Fax: 612-870-9490	Architectural salvage: doors, stained glass, lighting, plumbing, windows, and furnishings, including antique office furniture.
Patina Woods Co. 3563 New Franklin Rd., Dept. TB Chambersburg, PA 17201 717-264-8009; Fax: No fax	Company specializes in antique flooring, wall paneling, and beams from old barns and outbuildings. Also, flooring made from old beams.
Pioneer Millworks 1755 Pioneer Rd., Dept. TB Shortsville, NY 14548 716-289-3220; Fax: 716-289-3221	Custom sawing and planing of reclaimed timbers in oak, Douglas fir, and heart pine for use with traditional joinery; hand-hewing, antique floors, ceilings, trim, and moldings.
Pittsburgh Pike Antique Co. 143 W. College St., Dept. TB Canonsburg, PA 15317 412-222-8586; Fax: No fax	Buyers and sellers of architectural antiques with a specialty in fully restored lighting fixtures, including chandeliers and sconces.
Renaissance Companies 486 First Street, Dept. TB Solvang, CA 93463 805-688-6222; Fax: 805-686-4044	Traditional street clocks, steeple clocks, and public clocks made to order; inventory of over 300 quality antique clocks, fully restored and guaranteed; also, traditional antique and custom site furnishings.
Renovation Source, Inc. 3512 N. Southport Ave., Dept. TB Chicago, IL 60657 773-327-1250; Fax: No fax	Extensive stock of mantels, doors, hardware, bath fixtures, exterior corbels, columns, casings, baseboards, fretwork, stained and beveled glass, shutters, tiles, and c.-1900 lighting. Some reproductions.
Resources For Heart Pine 251 Crescent Ave., Dept. TB Buffalo, NY 14214 716-447-9649; Fax: No fax	Specialist in quality antique heart-pine flooring and accessories at reasonable prices.



THE YELLOW PAGES FOR ARCHITECTURAL ANTIQUES

COMPILED BY COLE GAGNE

COMPANY	SPECIALTY
Restoration Resources, Inc. 31 Thayer St., Dept. TB Roxbury, MA 02118 617-542-3033; Fax: 617-542-3034	Architectural antiques, including domestic and European mantels, columns, windows, tin ceilings, hardware, decorative iron, pedestal sinks, tubs, interior and exterior lighting, phone booths, restaurant decor, and more.
Ricca's Architectural Sales 511 North Solomon St., Dept. TB New Orleans, LA 70119 504-488-5524; Fax: 504-488-5662	Specializes in stained and beveled glass, light fixtures from the 18th century to present; hardware, shutters, interior and exterior doors, and old vending machines. Some reproductions.
Riverwood Heart Pine Co. 2953 Westfield Road, Dept. TB Gulf Breeze, FL 32561 850-932-5296; Fax: 850-932-0812	Using heart pine and cypress reclaimed from Southern river bottoms, the company offers kiln-dried, custom molded flooring, paneling, trim, and furniture.
Select Stove & Antiques 7106 32nd St., Dept. TB Lubbock, TX 79407 806-796-0124; Fax: Call before fax	Antique American heating stoves. Ornate, top-of-the-line, quality heaters, professionally restored and fully functional; coal, wood, and gas.
Tim & Billy's Architectural Salvage 970 Ft. Wayne Ave., Dept. TB Indianapolis, IN 46202 317-632-7161; Fax: 317-632-0047	Architectural-salvage store with a large line of antique elements, including entryways, mantels, locksets and hardware, stained glass, and period lighting.

COMPANY	SPECIALTY
Tymeless Designs International, Inc. 369 North Central Ave., Dept. TB Atlanta, GA 30354 770-957-7908; Fax: 404-763-3487	Company carries a large array of architectural antiques, with a special emphasis on European stained glass as well as antique chandeliers and other lighting fixtures.
United House Wrecking, Inc. 535 Hope St., Dept. TB Stamford, CT 06906 203-348-5371; Fax: 203-961-9472	35,000 sq.ft. of antiques, furniture, lighting, plumbing. Specializing in mantels, stained glass, unusual and hard-to-find doors. Also, driveway gates and fencing, garden ornaments. Since 1954, Connecticut's largest antique store.
Urban Archaeology 143 Franklin St., Dept. TB New York, NY 10013 212-431-4646; Fax: 212-343-9312	Architectural antiques and one-of-a-kind lighting fixtures from the Victorian period through the 1940s; reproduction lighting fixtures; antique and reproduction plumbing fixtures, including clawfoot tubs, faucets, and showers.
Vintage Plumbing 9645 Sylvia Ave., Dept. TB Northridge, CA 91324 818-772-1721; Fax: 818-772-4647	Original, early-1900s bathroom fixtures, including tubs, toilets, sinks, showers, and accessories — bought, sold, and repaired. Broken or missing parts custom recreated.
Wooden Nickel Architectural Antiques 1400-1414 Central Pkwy., Dept. TB Cincinnati, OH 45210 513-241-2985; Fax: 513-241-0842	Architectural antiques, including stained-glass windows and ceiling domes, back & front bars, ornate chandeliers, Victorian furniture. Buys and sells restaurant decor, garden and landscape fixtures. Photos on request.

ARCHITECTURAL ANTIQUES PORTFOLIO

For more information on these companies, consult the *SourceList* on pp. 37-38.



ARCHITECTURAL ANTIQUES specializes in original hardware, mantels, lighting, ecclesiastical artifacts — and various one-of-a-kind surprises, such as this striking wooden dragon frieze.



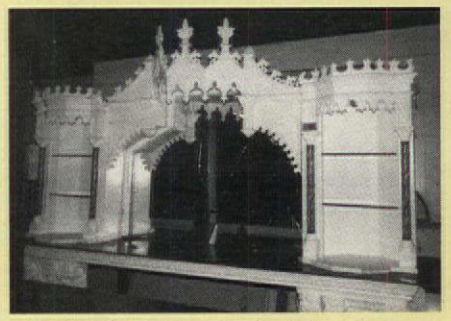
If your restoration requires graceful period statuary and mantels, or just a neon clown, ARCHITECTURAL ARTIFACTS, INC., has it all.



THE ANTIQUE STOVE ASSOCIATION is the perfect source to learn more about vintage stoves and their care, repair, and restoration.



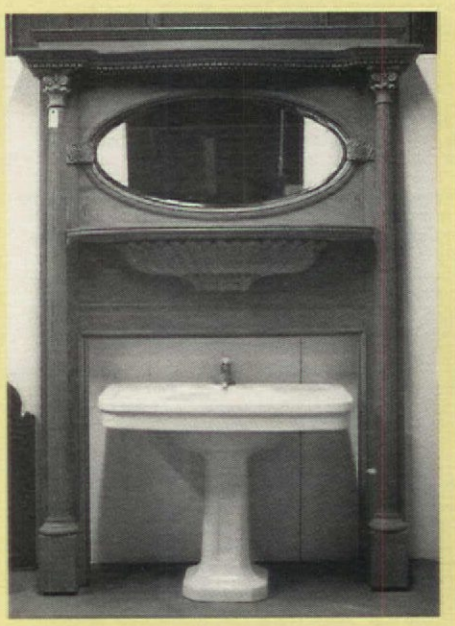
From recycled house parts to this spectacular 19th-century fountain, you'll find a world of architectural salvage at AARDVARK ANTIQUES.



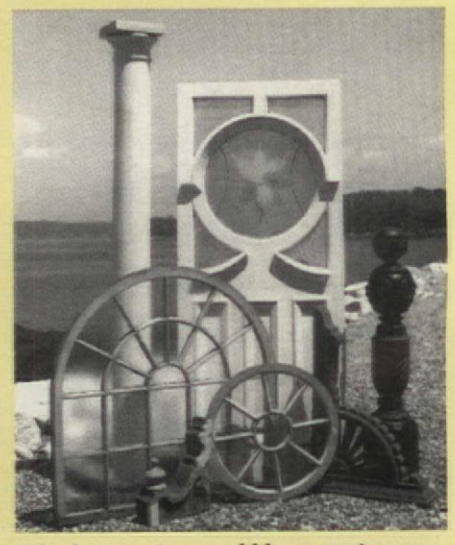
This dazzling Victorian back bar from ANTIQUE ARCHITECTURAL CIRCUS is made up of altar pieces salvaged from an old church.



Along with the expected doors, windows, columns, mantels, and other antique house parts available from ARTEFACTS ARCHITECTURAL ANTIQUES, there's also a rich selection of vintage hardware.



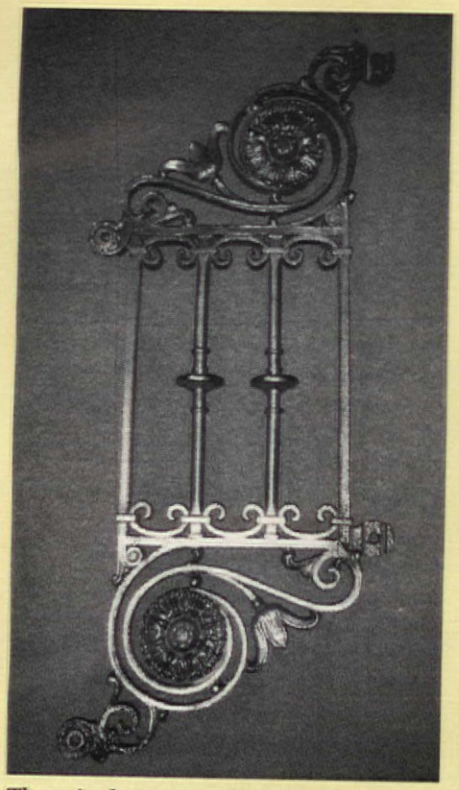
Even if you don't keep a sink in your fireplace, you'll want to check out the vast array of contents at the ARCHITECTURAL SALVAGE WAREHOUSE.



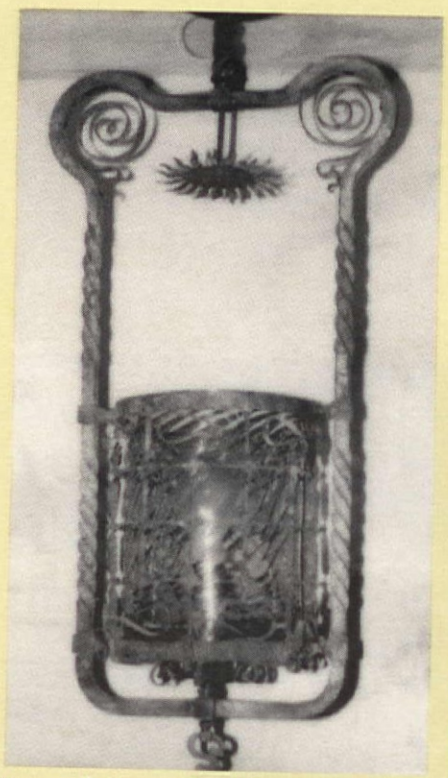
Whether gracing an old house or just sunning themselves at the beach, the vintage elements offered by ARCHITECTURAL ANTIQUITIES bring the past vibrantly into the present.

ARCHITECTURAL ANTIQUES PORTFOLIO

For more information on these companies, consult the *SourceList* on pp. 37-38.



The epic showroom of METROPOLITAN ARTIFACTS offers a wealth of architectural salvage, from doors, mantels, and lighting to this handsome section of antique iron balustrade.



Restored vintage chandeliers and lighting fixtures are a specialty of the PITTSBURGH PIKE ANTIQUE COMPANY; the gems include this handsome early-19th-century fixture, which has traded in its flame for a lightbulb.



MILL CREEK ANTIQUES offers buyers vintage house parts, interior lighting, and expertly restored antique stoves, such as the model shown here.



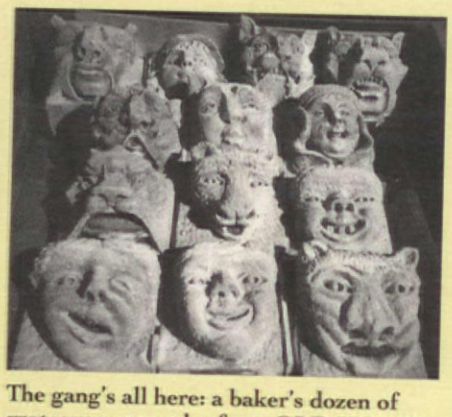
Vintage stoves, such as this handsomely restored 1950s Chambers range, along with heating stoves, stove parts, and repair services, are available from MACY'S TEXAS STOVE WORKS.



Pictured is a sampling of the thousands of architectural elements and ornamental details available at IRREPLACEABLE ATRIFACTS, whose work is described in the book *Irreplaceable Artifacts: Decorating The Home With Architectural Antiques*, recently published by Clarkson Potter.



The spectrum of antique house parts available from MONROE COLDREN & SON includes an impressive array of door locks, hinges, and other hardware.



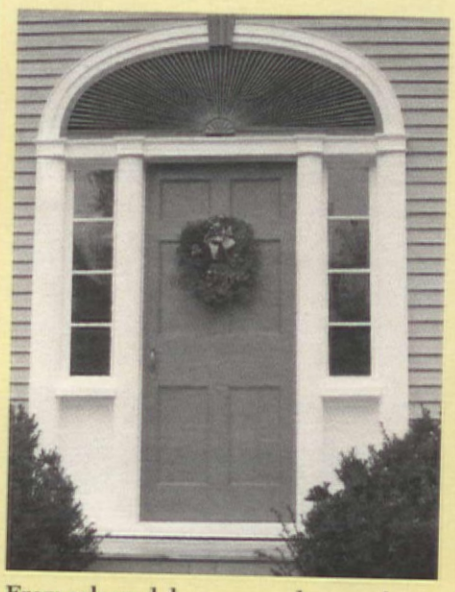
The gang's all here: a baker's dozen of grotesque gargoyles from OLD HOUSE WAREHOUSE, just the thing to ward off evil spirits and other unwanted night visitors.



This handsome, vintage-style porcelain sink, the "Marbella," is 28 in. wide and 35 in. tall; it's one of the literally thousands of antique and reproduction plumbing fixtures available from MAC THE ANTIQUE PLUMBER.



Anyone looking for a good time with a restored antique stove — such as this handsome old "Glenwood Oak" — can always pay a call on GOOD TIME STOVE.



From salvaged doorways to house relocation, the good people at MYERS RESTORATION & ARCHITECTURAL SALVAGE can help with almost any restoration or decoration project.



Period furniture lives again at J. HILL ANTIQUES: This impressive Renaissance Revival walnut bookcase even sports its original finish!



Knock and the door will be opened — especially if it's a salvaged entryway from HISTORIC YORK, INC.'S ARCHITECTURAL WAREHOUSE.



Whether a desired antique architectural element is stone, cast or wrought iron, wood, or terra cotta, the collection at GARDEN PARK ANTIQUES is still one of the best places to track it down.

Instant Access to Product Literature for ARCHITECTURAL ANTIQUES & SALVAGE

If your office qualified to receive the 1997 TRADITIONAL BUILDING CATALOG, you'll find prefiled and indexed product literature there for the following suppliers of Architectural Antiques & Salvage:

AgorA Inc. • Antique & Specialty Flooring
Tim & Billy's Architectural Antiques

ARCHITECTURAL ANTIQUES PORTFOLIO

For more information on these companies, consult the *SourceList* on pp. 37-38.



MANTELS OF YESTERYEAR is an excellent source for both vintage and reproduction mantels. Pictured here is a fine example of the latter, 76 in. wide x 58 in. tall, and available in poplar, quarter-sawn oak, cherry, or mahogany.



Hardware and plumbing supplies are two specialties of DECORUM. Represented (clockwise from upper left): bin pull, clawfoot tub, pedestal sink, porcelain-over-cast-iron sink, and doorknob.



Mantels, furniture, lighting fixtures, and more and more and more: The secret to UNITED HOUSE WRECKING's 25-year success is its seemingly endless supply of antique house parts.



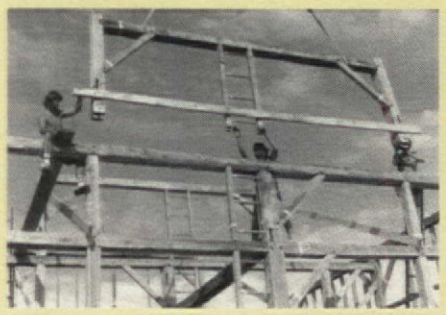
This antique frame is one of the many classic post-and-beam structures — hay barns, carriage houses, and farmhouses — available for relocation, reassembly, and restoration by BRANDY HOLLOW RESTORATIONS.



The vast array of antique bathroom items available from VINTAGE PLUMBING includes this blast from the past: a genuine rib-cage shower.



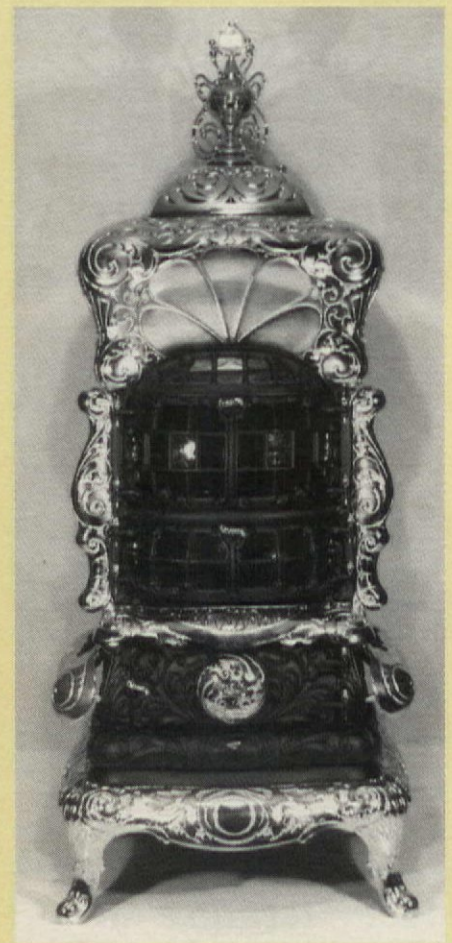
Mantels, architectural elements, and lighting fixtures are only part of the bounty in vintage house parts available from RESTORATION RESOURCES.



These hard-working craftsmen from THE NEW JERSEY BARN COMPANY are just three of the firm's many specialists in salvaging and re-erecting antique barn frames and outbuildings.



Vintage heart-pine flooring, such as the warm and inviting wood seen here, is the specialty of RESOURCES FOR HEART PINE.



Anyone searching for a restored vintage heating stove, such as the gleaming beauty shown here, should head directly to SELECT STOVE & ANTIQUES CO.



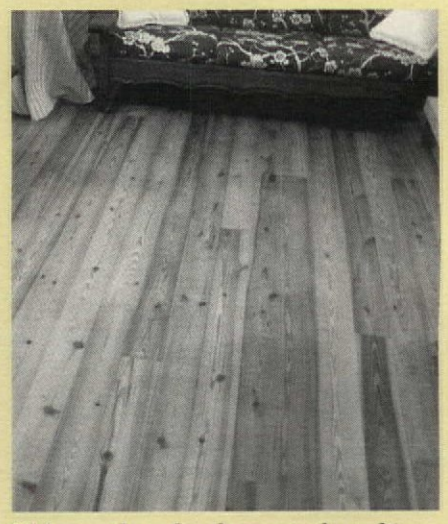
These breathtaking vintage urns are only the tip of an iceberg of antique house parts and accessories offered by CASH COW.



Among the plethora of vintage house parts available from CAPRIOLA'S ARCHITECTURAL ANTIQUES & SALVAGE, there is also an array of ecclesiastical salvage; this photo offers a glimpse of some of the stained glass, pews, and statuary in stock.



The inventory at RICCA'S ARCHITECTURAL SALES ranges from art glass, lighting fixtures, and doors, to mantels, sinks, and hardware.



Old-growth sunken logs are adapted into handsome flooring by RIVERWOOD HEART PINE COMPANY.

Buyer's Guide to Suppliers of Products & Services for
Commercial Interiors — Traditionally Speaking

From the theme restaurants of Manhattan and Los Angeles to the casinos of Las Vegas and Atlantic City, the hospitality industry has discovered that traditional design and historical references have enormous appeal to the paying public. And today it's easier than ever to give the public what it wants. To assemble this latest survey of traditionally styled products and services for commercial interiors, the Editors surveyed 987 companies in our database. From their responses, the Editors selected the 457 companies you'll find showcased on the following 132 pages.

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NEW INTERIORS IN OLD BUILDINGS

Designing a commercial interior for an existing older building requires creativity, sensitivity — and more agility than a residential space. Here, an Interior Designer sets forth some general principles buttressed with some real-world examples.

by **Carolyn Murray**, *Heritage Design Group, San Francisco, Calif.*

The general public has learned to love old buildings . . . and thus we find more and more of today's commercial clients asking for a "traditional" or "historic" look. What is it about historic buildings that makes people love them? Is it because the proportions, texture, ornamentation, craftsmanship, and quality of materials are unmatched in modern times? For whatever reason, people respond to historic structures. The challenge to an interior designer in creating a commercial space in a historic or neo-traditional building is to evoke the response of a truly historic building, while at the same time dealing with the realities of the wear and tear of public traffic, life-safety and building codes, modern HVAC systems, budgets, and the like.

When designing interiors for commercial use, we must explore basic issues like: who is the client and what are his or her tastes, dreams, and images of what the space will become; how is the space configured; how will the space be used, now and in the future; what segments of the population will be using it; how do we assure their safety while they are in the space; how will we deal with circulation throughout the building; what is the client's goal for the space; where will we find the best goods and services the client can afford, and which can be supplied within the constraints of their schedule? When the project is successful, all of these considerations have been integrated into a design that achieves unexpected levels of creativity and integrity.

Additional considerations are layered on top of these when we are designing commercial interiors for historic buildings. Depending on whether we are restoring or rehabilitating, and on how strict the oversight authority is in accommodating the program at hand, the project can present many levels of complexity. The original intention of the building may not be compatible with the planned use. How do we adjust the structure to accommodate a new use, while maintaining its original integrity (or dignity, if you will)? The building may have significant historic features that prohibit the integration of certain aspects of the client's goal. How do we help our clients work within those constraints, without sacrificing their dreams? The structure and configuration of the building may inhibit safe travel within the building and speedy egress to the exterior in case of fire. How do we provide safe movement through and out of the building and retain its historic character? We must decide what interior style the client calls for, and how that relates to the historic style of the structure. We want to assure that current expectations for comfort levels and aesthetics are met in a way that feels natural within the context of the historic envelope in which we are designing. We try to select colors that are pleasing, appropriate, and meaningful to the design. Although we are faced with challenges like this regularly, I like to look upon them as opportunities for a reaching a higher level of design. So, lets take a look at these issues, discuss approaches that will work on a general basis, and then explore a few examples.

DISCOVERING EXISTING CONDITIONS. We start by doing a thorough study of the building's structural and aesthetic strengths and weaknesses. We discover what has been there in the past, and whether features have been removed. We learn what has been added, and determine whether these additions should remain. We explore the adequacy of openings, traffic-circulation equipment, facilities, systems, etc., to determine whether upgrades must be made. We evaluate materials, finishes, and character-defining features, to determine what level of original or historic fabric we must retain and what constraints it places on the design. We try to minimize surprises as much as possible during construction, in order to have a realistic idea of the cost of generating the new design. It is seldom possible to completely eliminate surprises, but by exercising due diligence, we can keep them to a minimum. Sometimes those surprises, as intrusive as they may be to schedule and budget, provide exciting new insights into the history of the building and its occupants. Sometimes they produce nothing more than headaches, because we find that what we thought was there was not, and now, well into the project, we have to go out and find it or have it made.

DEVELOPING THE NEW DESIGN. Once we know what we're working with, we can begin to design for the planned use. Now we have to make an important decision that will have a profound effect on the image of the building once the project is completed: Do we design to match the period of the existing structure, or layer a contemporary design over the historic features? Or do we do something in between, where we design a space with historic ambiance, but with contemporary materials. This will depend on many things. If we are doing a true restoration, the first option will be dictated. If not, we are free to let the program determine the style of the design. It is always important, though, to distill the original architectural style down to its most basic form, and incorporate compatible or sympathetic forms into the new design. If this is done, styles from various periods can be beautifully integrated.

SPACE PLANNING. The next step is the allocation of space to the different functions required by the program, as well as the flow of traffic through the environment. When we create a plan that allows people to utilize the space effortlessly, in an interesting and engaging way, we lay the groundwork for a successful project. In an older building the interior spaces may not conform to contemporary needs. We then have to explore whether we can redirect the flow of traffic, or if we must adjust the interior space — and to what degree we will be able to do that.

Space planning also involves the placement of furniture so that the space functions smoothly, accommodating as many people as possible without congestion. For example, a flexible seating arrangement in a hotel lobby allows seating groups to grow and shrink as needed, to focus on the fireplace, gather for an impromptu meeting, or separate for quiet, reflective time. Or, an imaginative use of dividers to create offices within larger, more open spaces provides privacy without obstructing the visual sense of the original grandeur of the interior.

SELECTING MATERIALS. When selecting materials, we have to consider life-safety issues, code compliance, comfort, appropriateness to the design concept, durability, and, of course, tactile and visual beauty. There are requirements for fire retardancy in fabrics used for upholstery, window treatments, wallcoverings, floor coverings, and wall and ceiling materials. There are skid-resistant requirements for flooring. There are requirements for lighting levels, emergency lighting, and signage. There are door-swing and clear-egress requirements. There are considerations for the length of time it takes a fire to penetrate a wall, ceiling, floor, door, or window. Code compliance requires that the materials selected be appropriate for the intended use, so they will not cause

continued on the following page

failure in any systems or pose a danger to the public. Once these considerations have been dealt with, we determine which materials are called for in the design. Sometimes this is dictated by the existing architecture, sometimes by the concept of the design, sometimes by the function called for in the space, and sometimes by all three.

SELECTING FURNISHINGS: The same criteria we set for finishes applies to furnishings, with a special emphasis on appearance, appropriateness, and comfort. If we're dealing with a restoration, we try to find furnishings that most closely match the style of the period, or that might have been in the building at the period of restoration. In all other cases, however, we select furniture that best expresses the concept of the design and serves the function of the space. Aesthetics play a very important role in selecting furnishings, as people interact more with these than anything else except the overall color and texture of the design. Throughout this selection process, we are working to provide the highest level of quality affordable within the budget, established at the onset of the project. Also, we work closely with the oversight authority and the clients to assure that our selections are appropriate for the building and the client's taste and goals for the project.

SELECTING COLORS. We know that warm colors stimulate and cool colors relax. We can use this knowledge to control the outcome of our design. Historically, colors were chosen based on available natural pigments. Now, unless we are dealing with a pure restoration in which we must exactly replicate not only the color but also the medium and pigment source used to create the paint, we have an infinite range of colors from which to choose. Beginning with the program, leading through the building style and historic context, and ending with the desired results of the design, we select colors that will most effectively achieve these results, yielding an interior that is harmonious and pleasing.

COMPLYING WITH ADA. In the last five years, I have noticed a dramatic swing in attitudes toward universal accessibility. Initially, it seemed that property owners were trying to find ways to avoid compliance. Now, meeting the needs of all people is a common expectation in the development of the program. It is often difficult to overcome the limitations presented by historic buildings, however. We seldom find older buildings with easy, direct and immediate access from the exterior to the front entry. Most projects present major difficulties getting the physically challenged into a building with their dignity and strength intact. The most successful projects I have seen blend the surrounding landscaping and grading into the entry so the length of ramps can be minimized. Once inside, doorways are often too narrow, doors too heavy, telephones too high, water fountains unapproachable, elevators too small, and restrooms impossible to use.

Oversight authorities have the final say on what should and should not be sacrificed in order to make an older building accessible, but commonly the solution lies in designating levels of historic significance for various interior areas. Once these priorities are established, vertical traffic circulation and ADA-compliant restrooms can be inserted into the less-significant areas, as can new fire stairs and exit halls. Narrow doorways sometimes present really tricky problems, but solutions can usually be found, with some adjustments either to the openings themselves or to circulation patterns. Manufacturers are now making ADA-compliant hardware for doors, plumbing fittings, and grab bars that blend nicely with a variety of historic styles. Lifts can provide access to mezzanines and other short changes in level, and can be integrated effectively into historic structures.

Let's explore some examples of how the challenges mentioned above have been turned into opportunities for excellent design.



The Sir Francis Drake Hotel, San Francisco, had been badly misinterpreted in the 1960s. To rejuvenate the Empire Ballroom, the Heritage Design Group took its cue from the existing classical architecture of the room. The Empire style was interpreted in new wall panels and carpet, providing a flattering backdrop for any type of affair.

The Galleria Park Hotel

The Galleria Park Hotel was a grand hotel built in 1923 in San Francisco, at the height the city's most carefree and exuberant days. The main focus of the lobby was a handmade-in-place plaster fireplace that reflected a flamboyant interpretation of the Art Nouveau style. We began by restoring the fireplace and plaster moldings around the perimeter of the lobby, and then set about the task of fulfilling the client's desire to upgrade the image of the hotel, while improving the flexibility of the space plan and the life-safety factors of the materials and finishes. We selected furnishings and finishes that resembled those one might have found in a luxurious European salon of the early-20th century, but did so in the context of the requirements of the late-20th and early-21st centuries. All fabrics are treated for fire-retardancy, selected for durability, and applied to upholstered furniture made to withstand the rigorous demands of a hotel lobby. Custom pieces were designed to enhance the exuberant lines of the fireplace. Light fixtures were created which provide flexible changes in mood and reflect an exotic interpretation of period style.



For a new lobby at San Francisco's Galleria Park Hotel (built in 1923), the tone was set by the existing monumental Art Nouveau fireplace. The fireplace and plaster moldings around the perimeter of the lobby were restored, then new wall finishes, furniture, fabrics, and lighting fixtures were put in place to complement and enrich this historic space.

The Sir Francis Drake Hotel

The Sir Francis Drake Hotel, also in San Francisco, needed to be rescued from years of neglect. The decor had been badly misinterpreted in the 1960s, and had not been touched since. In the Empire Ballroom, for example, we reintroduced a period look in the design of the wall panels, the carpeting, and the colors of the room. Our task was simple, in that all we had to do was study the existing architecture. Its heavily classical influence dictated the direction of the design quite specifically, as did the name of the room. We interpreted the Empire and Classical Revival styles to give the room a fresh, new feeling, as the clients required, taking the mo-

tifs of the period and introducing new combinations and variations on their application.

The Bank Of America

When The Bank of America purchased an existing bank in the financial district of San Francisco, they called upon the firm of Simon, Martin-Vegue, Winklestein, and Moris to restore it. It was not a pure restoration, in that it was updated for current and future banking practices and given new life by the introduction of a new system of offices in the main lobby of the bank. Current expectations for comfort, privacy, and personal space dictated changes in the way the bank was configured, and requirements for accessibility required that restrooms be reconfigured. Associate Carol Padham, C.I.D., who was project manager and senior designer, explained that the existing architecture determined the selection of finishes, and gave her reference points from which to design office spaces that reflect a more human scale. Cherry wood and other simple yet contemporary finishes were selected for the interior, as they are harmonious with the historic building, yet are appropriate in the context of a forward-thinking bank. In order not to break up the sense of space that the larger lobby created, glass partitions were added above the system walls created for the offices that modern banking operations required.

The Texas State Capitol

Jeffrey Fetzer, AIA, of Ford, Powell and Carson in San Antonio, Texas, discussed with me the effects of similar constraints on schedule and budget when his firm was involved with the restoration of the Texas State Capitol. Study of the existing conditions revealed that much of the original plaster cornices had been removed to accommodate the addition of office partitions and dropped ceilings during renovations throughout the history of the building. As this discovery was not made until the building had been vacated, and was not considered in the original scope of work, it had a seriously adverse effect on the schedule. Plaster craftsmen had to be brought in from all over the South to complete the work in as short a time as possible. Amazingly, the budget for the interior work only increased 18% as a result of this and other surprises — a great compliment to all involved. Other challenges in this restoration included the design of casework partitions to create smaller offices within larger, open spaces. Each room had to be designed individually, as the space and program requirements varied so extensively. In tearing out the dropped ceilings, new ways to handle sprinklers, air circulation and heating, miles and miles of electrical conduit, and plumbing lines had to be considered. In working with the Texas Preservation Board, which oversaw the project, it was determined that the flat portion of the ceilings should be removed to gain access to the space between floors for horizontal runs, and channels would have to be cut in the walls to accommodate vertical movement of services. This was done in the most sensitive manner possible, and materials were replaced in kind.



During restoration of the Texas State Capitol, among the myriad challenges faced by Ford, Powell and Carson in San Antonio, Texas, was the incorporation of new mechanicals. After tearing out dropped ceilings from earlier 20th-century remodeling, new ways to handle sprinklers, air circulation and heating, electrical conduit, and plumbing had to be considered. It was determined that the flat portion of the ceilings should be removed to gain access to the space between floors to accommodate horizontal runs. Because this was a high-profile restoration, the work was done in the most sensitive manner possible, and materials were replaced in kind.



When Bank of America purchased an existing bank in the financial district of San Francisco, current needs dictated the introduction of a new system of offices in the former main lobby. The firm of Simon, Martin-Vegue, Winklestein, and Moris let the existing architecture determine the selection of finishes and provide reference points from which to design office spaces that reflect a human scale. Cherry wood and other simple, yet contemporary finishes were selected for the interior, as they are harmonious with the historic building, yet convey a sense of a forward-looking institution.

When it comes to designing interior spaces for older buildings, I believe these case histories demonstrate that good design comes from turning the problems into opportunities, and by allowing beautiful, functional spaces to emerge. ■

Special thanks to Phyllis Martin-Vegue, ASID, and Carol Padham, C.I.D., of Simon, Martin-Vegue, Winklestein and Moris in San Francisco for their contributions to this article. Bank of America Project Architect: Lamberto Moris, FASID; Project Manager: Associate Carol Padham, C. I. D.; Design Team: Doug Tom, AIA and Ron Aquila, C. I. D. Thanks also to Jeffrey Fetzer, AIA, of Ford, Powell & Carson of San Antonio, Tex., for information on the restoration of the Texas State Capitol. Project Architect: Carolyn Peterson; Architect in Charge of Interior Restoration: Jeffrey C. Fetzer, AIA; Design Team, John Mize.

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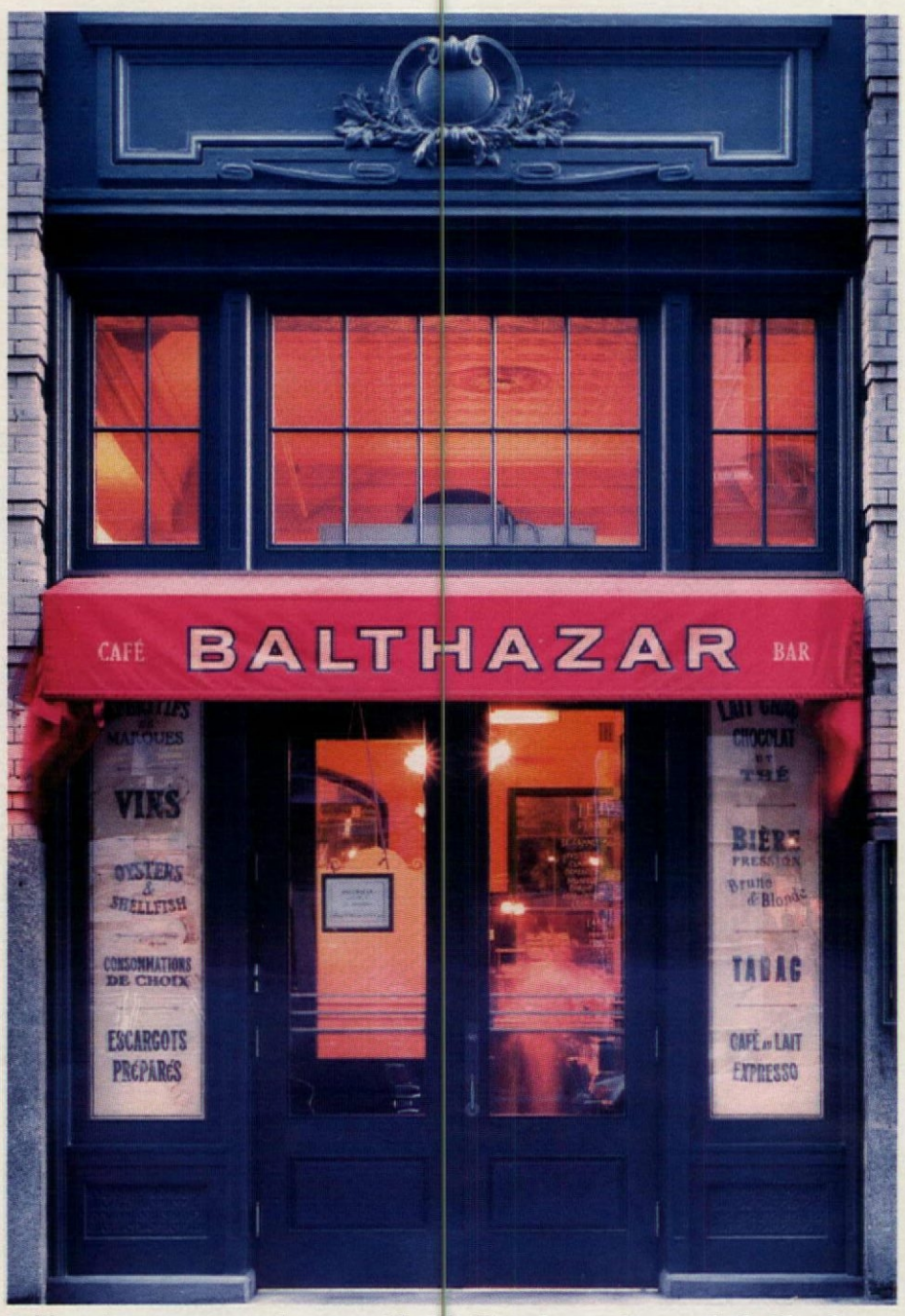
Making Manhattan's Belle Epoque

When Manhattan restaurateur Keith McNally decided to create a new restaurant, he knew he wanted to evoke the look of Paris at the turn of the century, but without doing a precise historic replication. With a general contractor who can practically read minds and a team of local artists and craftspeople, McNally's vision was realized in Balthazar, which opened this Spring to rave reviews.

If Keith McNally has one talent, it's creating ambiance. With at least five trend-setting restaurants under his belt, McNally knows how to mix materials and invoke moods that will inevitably draw a cutting-edge Manhattan crowd. Unconcerned with words like "period," "historical accuracy," or "authenticity," McNally is only interested in atmosphere. Notes Ian McPheely, McNally's acting general contractor on both Balthazar and his previous restaurant, Pravda (which is to Moscow what Balthazar is to Paris), "The most successful places are those where no one element jumps out at you, but each time you visit, you notice something else. The elements are there more to evoke a mood."

What McNally got in McPheely was someone who could transform his ideas (loosely based on an old Parisian photo) into drawings and prototypes, then make it all real by assembling a coterie of craftspeople and artists who could execute the designs. McNally spent the better part of two years hunting the U.S. and Europe for fixtures and fittings that would help make Balthazar — with its 160-seat dining room, three kitchens, a production bakery, an authentic French "boulangerie," and 180 employees on the payroll — just such a reality.

McNally and McPheely agreed that, as much as possible, everything would be built on site and then aged, patinated, and finished as if it had always been there. The site was a c.1904 twelve-story commercial Landmark building on the corner of Spring and Crosby Streets, in the heart of SoHo. McPheely hired John Araujo as foreman to oversee mechanicals, construction, and finish work, and Joe Hamersky as lead carpenter and cabinetmaker to run the basement shop and coordinate elements like the bar, wait stations, and paneling.



Balthazar's entryway sets the stage with gilded lettering on glass panels flanking the front door; a bright red awning; a divided-lite transom that reveals the 15-ft. ceiling, and a spandrel panel with Classical and Art Nouveau motifs — all of which evoke a feeling of Paris at the turn of the century. The theme of understated opulence is furthered in the use of solid-mahogany millwork assembled, installed, and detailed by Christian Garnett. *(Photo: Justin Van Soest)*

"For starters," recalls McPheely, "we had to get all mechanicals right before any construction or decoration began, because you can't fix it afterwards." They buried the mechanicals and raised the floor nine inches to be level with the sidewalk, which allowed them to meet ADA guidelines without having to install a ramp.

Because the owner and general contractor were such a tight team, the architect of record was there chiefly to deal with permits, fire ratings, egress issues, expediting, and Landmarks specifications. "We did all of our own contracting and designing," says McPheely, "pulling in specialists as we needed them." For example, the restaurant has three kitchens. "Halfway through the project, we hired two co-chefs who helped design the layout of the kitchens," he says.

Here's how the various elements in the restaurant came together:

THE BAR - McNally bought a bar from a run-down Harlem saloon. Hamersky replicated the intricate panels to a finished length of 70 ft. The cast-pewter bar top was imported from France. It was a typically French stock style, sized from a template made by McPheely. (A duplicate stayed on site so the cabinetry could be completed.) Six months later, the top arrived — in one piece — and was mounted.

THE ENTRYWAY, VESTIBULE & INTERIOR DOORS - All of Balthazar's woodwork is mahogany, and that includes the facade, entryway, and vestibule. Jerry Shlemowitz, owner of Pratt Custom Door, did drawings for the front doors for Landmarks Commission approval. (One of their guidelines says that any change to the facade has to be sympathetic to the design of the original building.) Christian Garnett, Northeast Building Co., assembled, installed, and detailed the storefront, doors, and vestibule. Shlemowitz also



The 70-ft. pewter-topped bar runs the length of the west side of the dining room and ends at a pair of French doors that lead into the bakery. The risers are Parisian imports, but the rest of the bar is strictly made in America. *(Photo: Justin Van Soest)*



The southeast wait station (one of four) was built on site and topped with a patinated marble slab. The monogrammed peasant bread is one of hundreds baked daily in Balthazar's adjacent bakery. *(Photo: Justin Van Soest)*

built all of the interior doors, including the French entry doors between the bakery and restaurant, the bathroom doors, and the door to the downstairs lounge.

THE GLASS - James Glass, an artist who runs the Brooklyn art-glass studio that bears his name, reworked or replicated antique glass panels for ten interior doors, etched glass panels in the vestibule and on the column covers, and made the perimeter vertical sconces. He also rescued the facade glass from an unsuccessful off-site sandblasting by adding "pinstripes."

THE WAIT STATIONS - McPheely decided, early on, to use the stop chamfer as a motif on all paneling, wainscoting, post covers, furniture, and wait stations. The mahogany wait stations were built by An Ngoc Pham and Kris Spychaski (Brooklyn and Manhattan cabinetmakers, respectively). The white Carrara marble counters were cut and milled by Bedrock's Jay Swift (Brooklyn), who then aged and patinated them with various non-toxic and non-fermenting stains.

THE FURNITURE - The design for the tables was based on photos of European bars. Shlemowitz delivered mahogany parts; the distressing was done on site. The bar stools are stock with wood seats that were covered in red vinyl affixed with upholstery tacks. Rounded banquettes on the east side of the restaurant were also made by D&L Mfg., N.Y.C.

THE FLOOR - McNally and McPheely designed the Carrara marble tile floor and chose the colors. The floor is made up of 1/2-in.sq. field tile, a Greek key with 3/4-in. and 1-in. inside and outside perimeter tile, and two mosaic "B"s (just inside the bakery and restaurant entrances) based on a calligrapher's drawing. Steve Spretnjak laid the floor and mosaics for the "B"s.

HARDWARE & FITTINGS - The foot rails on the bar are stock brass, and the rails behind the banquettes were based on a custom carving and cast at a Rhode Island foundry. The door levers are forged iron from Bouvet. The taps on the bar were imported from England in brass and plated a dull white metal. The push bars on the high-traffic doors are stock.

THE CEILING - The original ceiling was flat. McPheely created simulated 15-x-17-in. beams, then wrapped the entire ceiling in 2-ft.-x-8-ft. decorative steel panels from Standard Tinsmith & Roofer Supply in Manhattan. He added rosettes from W.F. Norman in Nevada, Mo. The glazed finish helped achieve a "nicotine-stained" effect.

THE LIGHT FIXTURES - The light fixtures over the bar were made to spec by Conant Custom Brass, Burlington, Vt. The lacquered brass tubing ends in 20-in.-dia. globes, bought locally. The rest of the ceiling fixtures are French imports that were rewired to use 39-in. incandescent tubes. All lighting, including the facade lights and bar sidelights, were put on dimmers so their intensity could be changed throughout the day. McPheely used lots of gels and diffusions to achieve the desired ambiance.

THE COLUMNS - The steel columns run the full 12-story height of the building. McPheely tore off the original terra-cotta covers and replaced them with four-hour fire-rated flocking. To keep the columns as slender and unobtrusive as possible, he designed mahogany column covers, inset with etched and illuminated panels on each side.

THE SCULPTURE - The caryatids over the bar were loosely based on the same c.1900 photograph. Brandt Junceau converted the figures from bound, bearded-male slaves measuring 60-in. tall to female caryatids, 80-in. tall. Junceau made two small clay models to scale, and after approval, built and modeled them in wet clay. Sculpture details were fine tuned, including the faces, which were deliberately made to look French. Molds were built, then plaster castings.

Robert Padilla of L'Atelier Des Arts provided the faux finish for the walls, and finished the caryatids in his studio. He smoothed some sharp edges on the caryatids to "age" them, sized the plaster, applied different colors on different layers of glaze, and then wiped them down with sulfuric and nitric acids to further "corrode" the glaze and plaster. Then Padilla applied more glaze to the caryatids and sealed them, so they would match the walls.



Slatted benches and iron-base mahogany tables are part of the bar area, separated from the dining room by camel-back glass partitions and mahogany-and glass-covered columns. The electric clock over the entryway was designed by McNally and McPheely; a sign painter painted the glass, and An Ngoc Pham fabricated the mahogany cabinet. The movement and hands were found at a local clockmaker. The entire cabinet is 8 ft. wide, 3 ft. tall, 18 in. deep, and features a 22-in.-dia. face. *(Photo: Justin Van Soest)*



For the ceiling over the lounge, Robert Padilla used the technique of reverse painting, that is, the first strokes applied to the glass are the pseudo water marks, then gilding, finishing off with the field color. The panel matches an original, affixed to the bakery ceiling. *(Photo: Justin Van Soest)*



Hollywood banquettes sit below giant framed mirrors, pieced together from original antique fragments. *(Photo: Justin Van Soest)*

THE WALLS - All painted surfaces (and some distress work) was done by Gordon Voisey. Afterwards, Padilla achieved a faux finish on the walls by sizing the plaster and applying three layers of identical-colored oil glaze. He then applied a clear sealer to achieve the final patinated finish.

THE MIRRORS - One of the few "authentic" elements in the restaurant are fragments of antique mirror collected from McNally's trips to France. McPheely pieced them together on site, and Schlemowitz milled their mahogany moldings. Additional (new) mirror was patinated and used as needed. (Only 20% of the mirrors are new glass.)

THE LOUNGE - The composition for the ceiling of the downstairs lounge was taken from an original French panel affixed to the bakery's ceiling. For the new mural, Robert Padilla used the motif of the four seasons, painted in reverse. That is, Padilla made the original painting on canvas, mounted it behind a piece of glass, and then painted the glass in this order: water stains (McNally insisted it look old), gold highlights, other highlights, and on until the last layer, the field color. (In reverse painting, the last brush strokes on the glass are the first strokes done on the canvas.)

THE BAKERY - For the sides of the entryway, Padilla also did reverse painting on two glass panels. McNally wanted sheaves of wheat similar to ones he'd seen at a bakery in Paris, and Padilla included bowls of fruit, based on some 17th- and 18th-c. French drawings. — *Judith Siegel Lief*

MOVIE PALACES REVISITED

THE LAST REMAINING SEATS
Photographs by Robert Berger & Anne Conser
Introduction by Stephen M. Silverman
Los Angeles: Balcony Press, 1997; 136 pp.; hardcover; $50.
2690 Locksley Pl., Los Angeles, Calif. 90039 (213) 644-0741

This handsome picture book offers a unique tour of the legendary, ultra-opulent movie houses of Los Angeles. Expert architectural photographers Robert Berger and Anne Conser lead you through 16 different theaters, all of which are still standing (although only a few continue to screen films). The color photos are first rate throughout; alternating full panoramas with detail-revealing close-ups, they offer a tangible sense of the experience of stepping into one of these fantasylands. The only complaint is the standard one, namely that there aren't more pictures.

This book doesn't offer any real help to readers who want to learn more about how to restore a theater or other public space. The few movie houses that were fortunate enough to have received any restoration at all are shown after their revival, and so no techniques of the trade are revealed. Enthusiasts of Rococo and/or Victorian opulence, even unto the extreme, will likewise find little practical information for their own projects, because the kind of architecture and interior design celebrated by this book truly exists in a world of its own. These theaters represent a Hollywoodization of stylistic precedents, mirroring their real-life inspirations about as faithfully as Hollywood's movies reflect the realities that inspired them. We've entered the realm of "entertainment architecture," as Clem Labine likes to term it. The goal was to create a unique space that could live up to cinema at its most imaginative and mythic. (It's no coincidence that almost all of these theaters were built before the advent of talking pictures, when movie stars reigned at their most godlike.) The astounding lavishness of these theaters also meant that ticketbuyers were still guaranteed a magical excursion even if the movie onscreen turned out to be a turkey. Today, the closest parallels to such moviehouses are the lavish supercasinos which also seek to insulate their patrons within a fantasy of glamour and wealth. None of these old theaters, however, veers into kitsch or corn as determinedly as do so many of today's gambling spas. Even at their wildest — and they could get pretty wild — they kept at least one foot in reality; after all, they were meant to show off Hollywood's product, not show it up. In a sense, these theaters were factory showrooms, and for decades they were fixtures in the landscape of their industry's hometown.

Today, alas, it takes a lot of footwork and ingenuity to gain access to many of these now-dormant dream palaces. Only lucky insiders are now able to glimpse the beauties of theaters that were once open to anyone who bought a ticket — insiders, and anyone lucky enough to sit down with a copy of *The Last Remaining Seats*. — *Cole Gagne*



The Los Angeles Theater, built in 1931 to seat 2,200, was a formidable display of French Baroque. Among many other opulent appointments, the center stair led to a crystal fountain, and trompe l'oeil murals decorated the vestibule and auditorium ceilings.



The Egyptian Theater, built in 1922, featured this pseudo-hieroglyphic stained-glass mural. The theater suffered vandalism, mildew, earthquake damage, and was finally closed on its seventieth birthday.



These wall-relief masks, ancient symbols of comedy and drama, are in keeping with the heavily decorated 1,250-seat, 1929 Avalon Theater. Other decoration includes nine painted panels in loggia and Botticelli's *Birth of Venus*, duplicated over the proscenium.



The 1926 Orpheum Theater is an example of French Renaissance, with five chandeliers in the lobby, extensive gold leafing and stencilling, and illuminated round stained-glass panels under the balcony.

SourceList 48-52
Portfolio 47, 54-56

FURNISHING THE HEART OF A COMMERCIAL BUILDING

The word "atrium" refers to the heart or center — the heart's atrium is responsible for the intake of blood and the atrium was the center of a house in ancient Rome. Similarly, the many-storied court at the front and/or center of a building is also the atrium. It sees a great deal of foot traffic and serves as the center of attention, so its furnishings must be durable, as well as visually appealing.

For the *SourceList* on Commercial Furnishings you'll find on pp. 48-52, the Editors surveyed 109 companies that supply stock furnishings or custom designs. From their responses, the Editors chose 56 as providing an excellent range of choice for both commercial and residential buildings.

For example, benches by Sun Teak Company and Barlow Tyrie, made of elegant, durable woods, are as comfortable inside as they are out. In fact, such benches are now a common sight in museum galleries. Planters, urns, and ash/trash receptacles in a wide range of styles and materials include Architectural Pottery's sandstone or terra-cotta pots, Impruneta terra-cotta elements from Seibert & Rice, elegant dry-cast sandstone designs by Nichols Bros. Stoneworks, and molded pigmented polyester-resin-reinforced planters in bright colors from Duraform. These receptacles are also suitable indoors and out.

If the project necessitates a certain period or style, products from the Victorian cast-metal collection of Am-Dia to the rustic creations of Romancing the Woods to the classic English style of Haddonstone can also be found on the following *SourceList*. — *LRA*

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FURNISHINGS & ACCESSORIES PORTFOLIO

For more information on these companies, consult the SourceList on pp. 48-52.



The Jacques Lamy Collection of urns, pedestals, tables, and garden accessories from ARCHIPED CLASSICS, INC., are made of cast stone with bronze components, and can be used inside or outside. *Write in No. 317*



Collaborative artwork from LEPOWORKS, INC., has included liturgical furnishings, such as the custom hand-carved hardwood table shown here. *Write in No. 1034*



Meticulous hand-embroidered pillows and hand-stencilled curtains adapted from the work of Gustav Stickley are available from ARTS & CRAFTS PERIOD TEXTILES. *Write in No. 8230*



These ARCHITECTURAL POTTERY ash and trash receptacles have an outside diameter of 28-1/2 in. and measure 33 in. high. *Write in No. 20*



BARLOW TYRIE's Glenham Corner seat is available in combinations of 6-ft. and 8-ft. lengths. It can also be custom ordered with these London-style armrests. *Write in No. 9540*



The Ring Dancer in bronze from ARCHER DESIGN graces this corporate area. *Write in No. 1076*



TRADITIONAL BUILDING's FURNISHINGS & ACCESSORIES SourceList

CSI #12400

COMPILED BY LAURA R. ALLEN

COMPANY	SPECIALTY	Literature	Types of Furnishings & Accessories								
			Chairs	Tables	Benches	Bar Stools	Pedestals	Planters/Urns	Table Lamps	Textiles	Other
Alloy Casting Co. 3900 Peachtree Rd., Dept. TB Mesquite, TX 75180 800-527-1318; Fax: 972-557-4727	Custom ornamental aluminum castings, including cresting, grilles, furnishings, and sculpted Victorian pickets. Custom capabilities; design through finishing. Also offers woodcarving, tooling, electroplating, and powder coating.	Free Write in No. 4050	X	X	X						
Am-Dia, Inc. 16960 State Rd., 12 East, Dept. TB Findlay, OH 45840 800-483-7105; Fax: 419-424-1822	Cast-aluminum fountains, birdbaths, Victorian-style furniture, and street lighting. Also, antique furnishings and patio furniture.	Free Write in No. 95	X	X	X	X	X	X	X		Lighting, statuary, bookcases, breakfronts
American Art Forge 161 Mangum St. SW, #400, Dept. TB Atlanta, GA 30313 404-584-9979; Fax: 404-688-7232	Forge and design studio fabricates hot-forged wrought-iron interior furnishings, gates, grilles, and other architectural iron.	Free Write in No. 48		X							
Archer Sculpture 275 West, 400 North, Dept. TB Salt Lake City, UT 84103 800-785-6531; Fax: 801-328-9150	Specialist in sculpting the human form in freestanding or bas-relief formats; from small interior pieces to monumental works.	Free Write in No. 1076									Statuary
Archiped Classics 315 Cole St., Dept. TB Dallas, TX 75207 214-748-7437; Fax: 214-748-7497	Cast-stone urns, jardinieres, pedestals, and garden ornaments for interior and exterior use; many pieces are cast directly from antique originals; others are designed by Jacques Lamy, recipient of the Prix de Rome de Peinture.	Free Write in No. 317		X	X		X	X			Fountain heads
Architectural Pottery 15161 Van Buren, Dept. TB Midway City, CA 92655 714-895-3359; Fax: 714-898-5109	Importer of Italian hand-carved sandstone, English-style cast stone, handmade Italian and Greek pottery, and the company's own fiber-crete (FGRC).	Free Write in No. 20						X			
Architectural Products by Outwater P.O. Box 347, Dept. TB Wood-Ridge, NJ 07075 800-631-8375; Fax: 800-888-3315	Major stocking supplier of ready-to-ship products in aluminum, fiberglass, plaster, polyurethane, polyethylene, and wood. Pedestals inspired by historical and classical designs in plaster, polyurethane, and polyethylene.	Free Write in No. 4934					X	X			Components
Arts & Crafts Period Textiles 5427 Telegraph Ave., #W2, Dept. TB Oakland, CA 94609 510-654-1645; Fax: 510-654-1645	Creator of hand-embroidered, -appliqued, and -stencilled curtains, pillows, table cloths, and bedspreads from the reproduction of T-of-C designs, and from custom designs. Yardage and embroidery kits available; will send swatches.	Free Write in No. 8230								X	Hand-embroidered pillows
Barker Metalcraft 1701 W. Belmont Ave., Dept. TB Chicago, IL 60657 800-397-0129; Fax: 312-929-2281	Custom manufacturing of wall grilles, floor grilles, radiator covers, baseboard covers, convector covers, and heating enclosures in stamped and perforated metal.	Free Write in No. 7670									Radiator enclosures
Barlow Tyrie, Inc. 1263 Glen Ave., Ste. 230, Dept. TB Moorestown, NJ 08057 609-273-7878; Fax: 609-273-9199	Solid, all-weather teakwood outdoor and garden furnishings; made in England, inventories in the U.S.; wide range of benches (4 to 8 ft), planters, chairs, tables, and occasional pieces, all made from Javanese plantation lumber.	Free Write in No. 9540	X	X	X	X		X			
Bathroom Machineries, DEA P.O. Box 1020, Dept. TB Murphys, CA 95247 800-255-4426; Fax: 209-728-2403	Restorer of plumbing and lighting fixtures; reproduction and original lighting, hardware, tubs, sinks, toilets, transom hardware, and pull-chain toilets. Also, videos and catalogs.	Free Write in No. 1725 for plumbing & No. 5860 for hardware									Bath accessories
Big Two-Hearted 604 Bridge St., Dept. TB Charlevoix, MI 49720 616-547-FISH; Fax: 616-547-0766	Antique lighting from the American Arts & Crafts period; also, Tiffany and Handel lighting.	Free							X		Antique lighting
Black Rose Forge 12615 Veirs Mill Rd., Dept. TB Rockville, MD 20853 301-946-4605; Fax: 301-946-4605	Works in all aspects of architectural and art metal; custom designs elegantly crafted in forged steel, copper, and bronze.	Free Write in No. 7550	X	X	X						Art metalwork
Blake Industries P.O. Box 155, Dept. TB Abington, MA 02351 781-337-8772; Fax: 781-335-3004	Manufactures and distributes site amenities, benches, trash receptacles, cast-metal light poles and fixtures, bollards, tables and chairs, clocks, and other park and play equipment.	Free Write in No. 2160			X						
Brumder Ornamental Iron, Inc. 40128 Industrial Park N., Dept. TB Georgetown, TX 78626 512-869-2830; Fax: 512-869-0140	Hot-forged, hand-wrought ornamental metalwork and lighting in classic and contemporary styles. Design services include presentation, CAD, sample, and model-making.	Free Write in No. 1860							X		
Cantera Handcarved Stone 3449 E. Illini St., Dept. TB Phoenix, AZ 85040 602-470-0900; Fax: 602-470-1599	Manufactures products hand-carved from Cantera stone, quarried from Mexico: balusters, columns, window and door surrounds, benches, pavers & flooring, planters, fireplace surrounds, mantels, and fountains, stock and custom.	Free Write in No. 31					X	X			
Christopher Thomson Ironworks P.O. Box 578, Dept. TB Ribera, NM 87560 505-421-2645; Fax: 505-421-2618	High-end, hand-forged furniture and furnishings for corporate offices, hotel rooms, and lobbies: lamps, desks, tables, fireplace accessories, and drapery rods.	Free Write in No. 237	X	X	X	X	X		X		Drapery rods, fireplace accessories
Currey & Co. 200 Ottley Dr., Dept. TB Atlanta, GA 30324 404-885-1444; Fax: 404-885-1199	Garden accessories include planters, topiary forms, and decorative pieces in wrought iron and wire. Also, garden statuary, fountains, and planters cast in fiberglass that are finished to resemble stone, limestone, and terra cotta.	Free	X	X			X	X	X		
Daprato Rigali, Inc. 7956 Oakton St., Dept. TB Niles, IL 60714 847-692-6350; Fax: 847-692-3445	Restoration and creation of works in historic buildings and ecclesiastical buildings; stained-glass design, creation, and fabrication. Decorative painting and mosaic design. Statuary; work in marble and bronze.	Free Write in No. 334									Statuary
Davan Industries 144 Main St., Dept. TB Port Washington, NY 11050 516-944-6498; Fax: 516-883-4917	Hand-forged and -finished lighting and iron furniture from McCloud of London; 27 finishes available; table lamps, mirrors, console tables, and more.	Free Write in No. 294	X	X					X		Mirrors
DuMor, Inc. P.O. Box 142, Dept. TB Mifflintown, PA 17059 800-598-4018; Fax: 717-436-9839	Site furnishings, including benches, waste receptacles, urns, and planters. Offers custom-manufacturing options.	Free Write in No. 2180			X			X			



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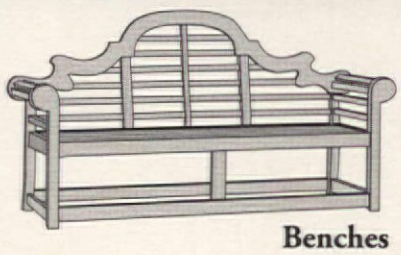
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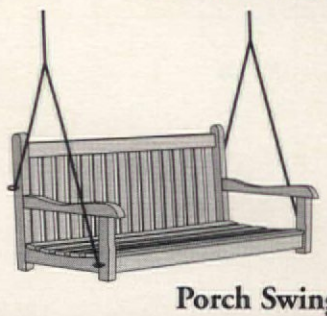
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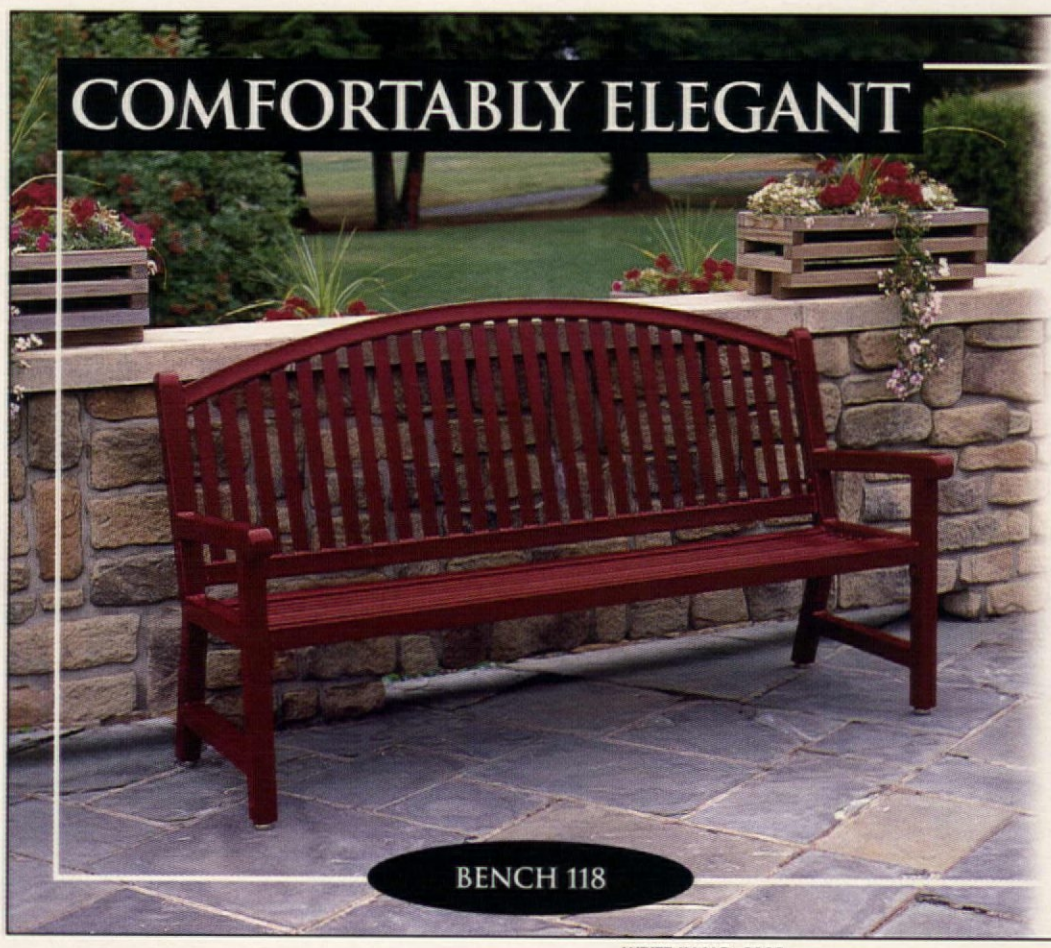
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COMPANY	SPECIALTY	Literature	Types of Furnishings & Accessories								
			Chairs	Tables	Benches	Bar Stools	Pedestals	Planters/Urns	Table Lamps	Textiles	Other
Environmental Features, Inc. **21095 Halsted Rd., Dept. TB** **Northville, MI 48167** **248-478-2775; Fax: 248-476-5120**	Architectural precast site furnishings including concrete benches, planters, tables, ash and trash receptacles, tree grates, bollards, and other standard and custom items; used indoors and outdoors.	Free Write in No. 278			X			X			
Fine Wine Rack & Cellar Co. **1661-A Industrial Rd., Dept. TB** **San Carlos, CA 94070** **415-591-9463; Fax: 415-591-4334**	Complete custom wine- and cigar-cellar design, specification, and assembly worldwide. Lifetime warranty.	Free Write in No. 150									Wine rooms, cigar rooms
Florentine Craftsmen **46-24 28th St., Dept. TB** **Long Island City, NY 11101** **718-937-7632; Fax: 718-937-9858**	Garden ornaments, fountains (freestanding and wall-mounted), statuary, furniture, and accessories in lead, aluminum, iron, stone, and bronze. Also, weathervanes. Some custom work.	Free Write in No. 4390	X	X	X			X			Statuary
Gaby's Shoppe **1311 Dragon St., Dept. TB** **Dallas, TX 75207** **214-748-6644; Fax: 214-748-7701**	Hand-crafted wrought-iron furniture, tables, chairs, chandeliers, floor and table lamps, drapery hardware, stair rails, and fencing.	Free Write in No. 2520	X	X		X		X	X		Chandeliers
Haddonstone (USA), Ltd. **201 Heller Pl., Dept. TB** **Bellmawr, NJ 08031** **609-931-7011; Fax: 609-931-0040**	British designer/manufacturer of classical stonework, using cast, reconstructed limestone resembling Portland stone. Over 500 designs of architectural and landscape elements that weather naturally. Custom-design capabilities.	Free Write in No. 4020					X				
Hambel & Assoc. **1298 12th Rd., Dept. TB** **Loma, CO 81524** **970-858-4782; Fax: 970-858-4784**	Complete resource for metalwork: all styles; lighting including chandeliers, sconces, pendants, lanterns, and table lamps.	Free Write in No. 277	X	X	X	X	X		X		
Handy Store Fixtures, Inc. **337 Sherman Ave., Dept. TB** **Newark, NJ 07114** **888-HANDYSF; Fax: 973-642-6215**	Full-service store-fixture manufacturer; handles large chains as well as local independents; steel, wood, storage, and warehouse fixtures; 2,000 standard items.	Free									Store fixtures
Henri Studio, Inc. **1250 Henri Dr., Dept. TB** **Wauconda, IL 60084** **847-526-5200; Fax: 847-526-6782**	Designer and manufacturer of cast-stone fountains, statuary, birdbaths, planters, and garden decor. Original designs, custom capabilities.	Free		X	X			X			
Herwig Lighting **P.O. Box 768, Dept. TB** **Russellville, AR 72811** **800-643-9523; Fax: 501-968-6422**	High-quality, hand-crafted original designs since 1908. Cast-aluminum or -bronze, exterior residential, commercial, and municipal benches and lighting. Wall brackets, pendants, pier- or post-lanterns. Street clocks; posts from 19 in. to 14 ft.	Free Write in No. 9130			X						
International Ironworks, Inc. **2713 Bonnie Beach Pl., Dept. TB** **Los Angeles, CA 90023** **213-262-9936; Fax: 213-262-9896**	Manufactures hand-forged, finely crafted iron lighting fixtures, furniture, and architectural appointments; work in residential and commercial installations.	Free Write in No. 318	X	X	X	X	X	X	X		
Jancik Arts International **1130 Briarcliff Rd., Ste. 5, Dept. TB** **Atlanta, GA 30306** **800-254-1593; Fax: 404-892-3887**	Custom, hand-forged entry gates, architectural sculpture, furniture, garden sculpture, and sculptured staircases in bronze, copper, aluminum, and steel.	Free Write in No. 264			X						Statuary
Jefferson Mack Metal, Inc. **P.O. Box 884103, Dept. TB** **San Francisco, CA 94188** **415-550-9328; Fax: 415-285-3365**	Hot-forged, hand-finished architectural metalwork: railings, grilles, gates, fences, sculpture, and door hardware. Also, custom iron furniture, garden torches, chandeliers, and more.	Free Write in No. 1079		X	X						Chandeliers
Lawler Foundry Corp. **P.O. Box 320069, Dept. TB** **Birmingham, AL 35232** **205-595-0596; Fax: 205-595-0599**	Offers 1,200 ornamental metal components for fences and gates mainly in Victorian styles; newel posts; continuous designs and artistic steel forgings. Fabricator will design, fabricate, and install.	Free brochure, catalog $10 Write in No. 271	X	X	X			X			
LepoWorks, Inc. **4640 Allentown Rd., Dept. TB** **Lima, OH 45807** **419-339-5370; Fax: 419-339-2787**	Designs private, public, and corporate art; interior and exterior works in a multitude of materials, including metal and wood; wood-carving services.	Free Write in No. 1034									Wood and metal elements
Lohr Studio **P.O. Box 236, Dept. TB** **Churdan, IA 50050** **515-389-3210; Fax: 515-389-3401**	Monumental sculptures for garden, atrium, and public art; realistic and stylized works are available in ceramic, stone, bronze, aluminum, and cold-cast stones; commissions and team projects welcome.	Free Write in No. 4340									Statuary
Lynch & Sons, Inc. **P.O. Box 488, Dept. TB** **Wilton, CT 06897** **203-762-8363; Fax: 203-762-2999**	Top-of-the-line fabricators with an extensive catalog of fountain designs, garden ornament, site furniture (including full park-bench manufacturing capabilities), weathervanes, finials, and gazebos. Custom capabilities.	Free Call for information		X	X		X	X			
Mel Northey Co. **303 Gulf Bank Rd., Dept. TB** **Houston, TX 77037** **800-828-0302; Fax: 281-445-7456**	Outdoor cast-aluminum light poles and exterior lighting fixtures, matching stop and street signs. Also, a unique line of custom mailboxes.	Free Write in No. 53			X						
Mison Concepts, Inc. **121 East Second St., Dept. TB** **Mineola, NY 11501** **516-739-0040; Fax: 516-248-4361**	Custom architectural metal fabricator, traditional and contemporary; stairs, railings, furniture, facades, showrooms, and marquees. Design, detailing, and specialty finishes.	Free Write in No. 2740			X	X					
Murdock, Inc. **2488 River Rd., Dept. TB** **Cincinnati, OH 45204** **800-45-DRINK; Fax: 513-471-3299**	Manufactures a complete line of outdoor/indoor drinking fountains that meet ADA regulations. Also, hydrants (post and flush-box type), post showers; anti-freeze drinking fountains.	Free Write in No. 3780									Indoor & outdoor drinking fountains
Nichols Bros. Stoneworks, Ltd. **20209 Broadway, Dept. TB** **Snohomish, WA 98290** **800-483-5720; Fax: 360-483-5721**	Manufactures European and contemporary designs in reconstituted, dry-cast sandstone: planters, urns, vases, and other architectural and garden ornament and furnishings.	Free Write in No. 5980						X			
Past Present Future **336 East Franklin Ave., Dept. TB** **Minneapolis, MN 55404** **612-870-0702; Fax: 612-870-9490**	Architectural salvage: doors, stained glass, lighting, plumbing, windows, and furnishings, including antique office furniture.	Free Write in No. 372	X				X	X	X		Antique office furniture

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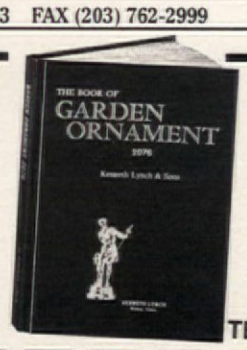
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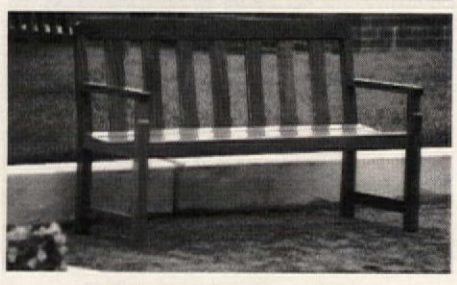




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MC76-2
One Arm w/Centerbowl

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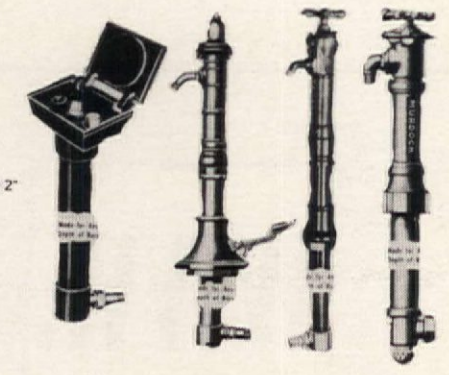
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WRITE IN NO. 3780



TRADITIONAL BUILDING's FURNISHINGS & ACCESSORIES SourceList

CSI #12400

COMPILED BY LAURA R. ALLEN

COMPANY	SPECIALTY	Literature	Types of Furnishings & Accessories: Chairs	Tables	Benches	Bar Stools	Pedestals	Planters/Urns	Table Lamps	Textiles	Other
Piage & Pieta Art Stone 645 Northside Dr., Dept. TB Atlanta, GA 30318 404-525-5333; Fax: 404-525-2333	Manufacturer of high-quality cast-simulated-stone planters, urns, pedestals, outdoor furniture, and accessories for indoor/outdoor residential and commercial applications.	Free Write in No. 6000						X			
Romancing The Woods 33 Raycliffe Dr., Dept. TB Woodstock, NY 12498 914-246-6976; Fax: 914-246-1021	Company re-creates rustic garden and woodland structures, including benches, made of Eastern red cedar in the romantic tradition of 19th-century English and French estate gardens, and the Great Adirondack camps.	Free	X	X	X						Rustic structures
Seibert & Rice, Inc. P.O. Box 365, Dept. TB Short Hills, NJ 07078 973-467-8266; Fax: 973-379-2536	High-quality imported terra cotta from Tuscany, featuring high relief and fine detailing: flower boxes, pots, urns, planters, and vases; also benches and ornaments. Extensive inventory. Custom work.	Catalog $5 Write in No. 5500			X			X			
Stewart Ironworks Co. P.O. Box 2612, Dept. TB Covington, KY 41012 606-431-1985; Fax: 606-431-2035	Manufacturer of ornamental iron fences, gates, and railings since 1886. Also, steel park benches, cast-iron furniture, custom-fabricated tables, lighting, signage, and more.	Free Write in No. 9910			X						
Sun Teak Co. 3529 Edgewater Dr., Dept. TB Orlando, FL 32804 888-SUN-TEAK; Fax: 407-316-0066	Source of teak outdoor furniture: benches, chairs, tables, planters, urns, and more.	Free Write in No. 293	X	X	X	X		X			
Sycamore Creek P.O. Box 16, Dept. TB Ancram, NY 12502 518-398-6393; Fax: 518-398-7697	Offers a unique line of original design furnishings made primarily of copper; pieces include arbors, trellises, tables, and benches. Also, birdhouses.	Free		X	X						
Tate Ornamental 411 Industrial Dr., Dept. TB White House, TN 37188 615-672-0348; Fax: 615-672-2437	Custom fabricators of ornamental metal products, including handrails, monumental and spiral stairs, light fixtures, furniture, column covers and cladding.	Free			X						Lighting
Tennessee Fabricating Co. 2025 York Ave., Dept. TB Memphis, TN 38104 901-725-1548; Fax: 901-725-5954	Supplier of ornamental cast-iron, -brass, and -aluminum architectural parts for rails, columns, fences, gates, foundation vents, furniture, and grillework.	Free Write in No. 5180	X	X	X						
Texas Metal Industries, Inc. P.O. Box 154, Dept. TB Crandall, TX 75114 800-222-6033; Fax: 800-472-3807	Ornamental aluminum castings: outdoor furniture and lighting, gate and fence components, mailboxes, hardware, finials, and balustrades. Also, cast-aluminum fountains, lampposts, and urns.	Free Write in No. 9430	X	X	X			X			
Tim & Billy's Architectural Salvage 970 Ft. Wayne Ave., Dept. TB Indianapolis, IN 46202 317-632-7161; Fax: 317-632-0047	Architectural-salvage store with a large line of antique elements, including entryways, mantels, locksets and hardware, stained glass, and period lighting.	Free Write in No. 4380		X	X		X	X			Chandeliers, curios
V.I.W., Inc. 3203 Ash Lane, Dept. TB Dallas, TX 75226 800-743-5610; Fax: 214-421-1619	Steel forging and wrought-iron custom gates and interior and exterior furniture; craftsmanship and design of elements including benches, fencing, and other ornamental metalwork.	Free Write in No. 244	X	X	X						
Village Craft Corp. 181 Anaconda Dr., Dept. TB Pennsylvania Furnace, PA 16865 814-692-5277; Fax: 814-692-5278	Custom manufacturing of furnishings in metal, wrought iron, glass, and marble: tables, beds, and accessories.	Free	X	X	X						
Wine Racks Unlimited 2121 Ross Ave., Dept. TB Cincinnati, OH 45212 800-229-9813; Fax: 513-731-8998	Designer and manufacturer of custom wine cellars and wine racks for homeowners, wine stores, grocery stores, wine wholesalers, and vineyards; free CAD drawings.	Free Write in No. 2910									Custom wine racks, wine cellars
Wood Classics Box 97A, Dept. TB Gardiner, NY 12525 914-255-5599; Fax: 914-255-7881	Complete line of fine-quality teak and mahogany outdoor furniture, including garden benches, chairs, porch swings, tables, umbrellas, lounges, rockers, and planters. Available fully assembled or as precision-cut kits.	Free brochure, catalog $2 Write in No. 1066	X	X	X			X			



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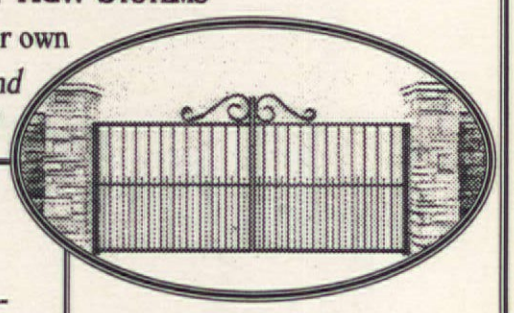
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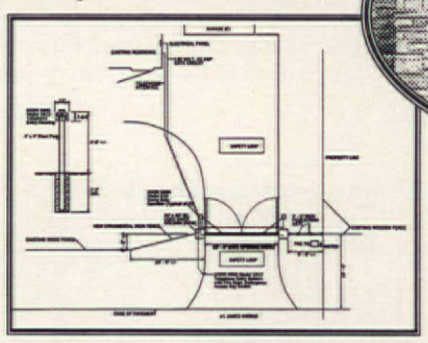
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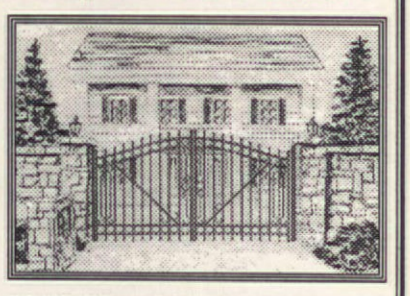
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WRITE IN NO. 281

FURNISHINGS & ACCESSORIES PORTFOLIO

For more information on these companies, consult the SourceList on p. 48-52.



Planter designs based on old molds from KENNETH LYNCH & SONS include this grape- and foliate-bordered lead cistern, model #2438, measuring 24 in. high x 36 in. wide. *Call 203-762-8363 for more information*



This hand-forged wrought-iron console with hand-embossed leaves, #8200, is available in 30- or 37-in.-high models, as well as custom sizes, from the Louis XV Collection of GABY'S SHOPPE. *Write in No. 2520*



The "Lily White" fountain from MURDOCK is an Art Deco-inspired fixture with a brass bowl and bubbler. *Write in No. 3780*



C. KELLY LOHR's French ceramic work "Dreamer" measures 28 in. high x 26 in. wide x 20 in. deep. *Write in No. 4340*



The JJR planter from ENVIRONMENTAL FEATURES is a grade-adjusting precast-concrete planter. *Write in No. 278*



This traditional English-style teak armchair from BLAKE INDUSTRIES is elegant and practical, both indoors and out. *Write in No. 2160*



The line of display equipment from CLARIDGE, INC., includes a wide array of cases, such as #649, an executive-style display case in oak, walnut, or mahogany and a number of available finishes. *Write in No. 9450*



The Antigua armchair, #4812 from CURREY & CO., measures 27 in. wide x 23 in. deep x 35 in. high, with a 17-1/2-in.-high seat.



A Florentine influence is visible in FLORENTINE CRAFTSMEN's two-shell wall fountain, which measures 46 in. high x 24 in. wide. *Write in No. 4390*



This elegant glass and metal table was crafted of hand-forged steel by V.I.W., INC., and reflects the contemporary and Southwest design sensibility of the company. *Write in No. 244*



DUMOR's planter 14 is made with redwood, Douglas fir, or mahogany slats; its standard size is 24-3/8 in. square x 19 in. high. *Write in No. 2180*

Instant Access to Product Literature for ATRIUM FURNISHINGS & ACCESSORIES

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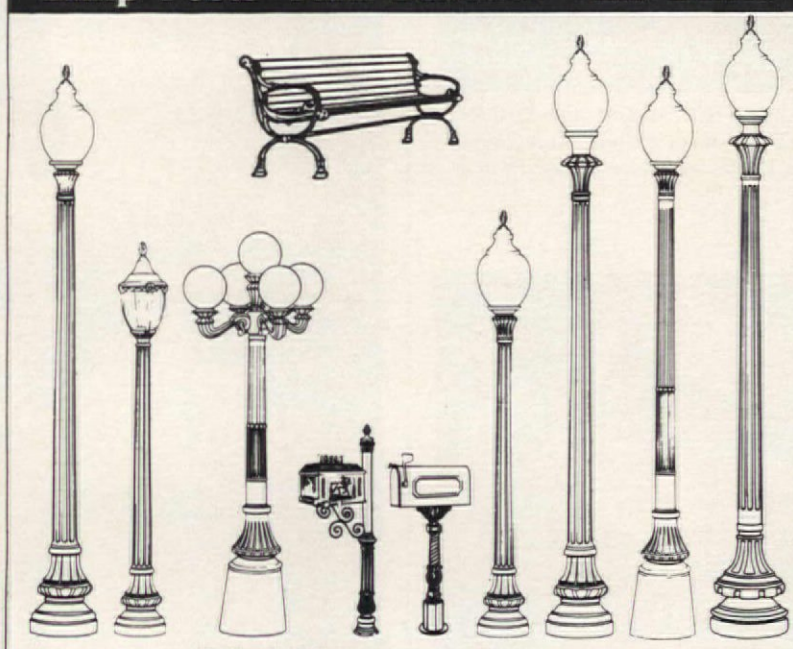
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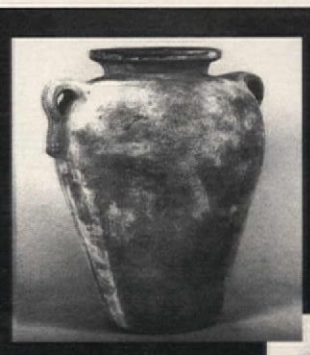
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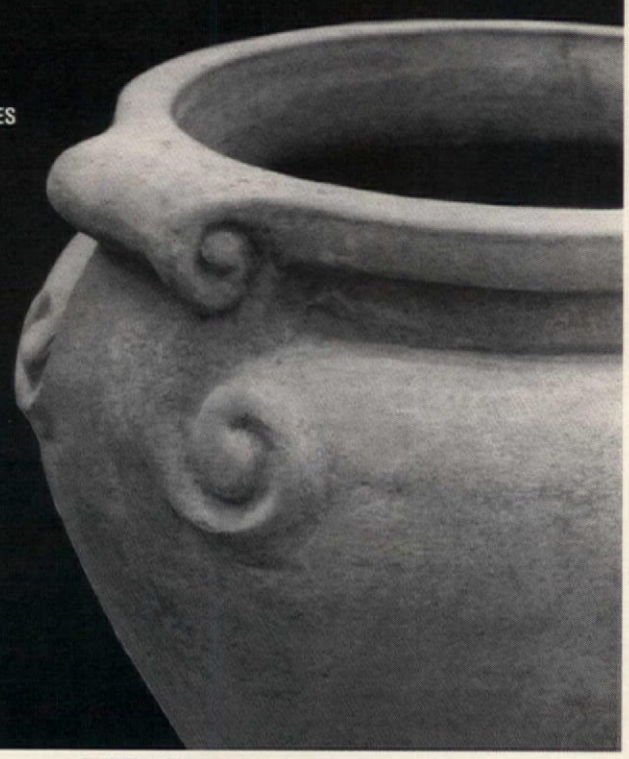
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WRITE IN NO. 5500

FURNISHINGS & ACCESSORIES PORTFOLIO

For more information on these companies, consult the SourceList on p. 48-52.



Wood benches are a frequent addition to gallery and museum spaces. SUN TEAK's Lutyens bench, fabricated of solid teak with mortise-and-tenon joints and shown here in a 6-ft. length, is suitable for either. *Write in No. 293*



The plaza at New York's Rockefeller Center is the setting for ROMANCING THE WOODS' rustic canopied bench.



The SEIBERT & RICE, INC., Medici urn measures 16 in. in dia. x 17 in. high. *Write in No. 5500*



PIAGE & PIETA ART STONE Meztizo table base, showing a Persian and Mediterranean influence, is also available in several sizes, or as a planter. *Write in No. 6000*



Ornamental cast-metal furniture from TEXAS METAL INDUSTRIES is in stock for patios, dining areas, and other settings. *Write in No. 9430*



CHRISTOPHER THOMSON IRONWORKS' products include hand-forged lighting, chairs, and accessories. *Write in No. 237*



Carved art furniture from WOOD CLASSICS, depicting dogwood branches and flowers, is designed by artist Ben Bishop and available in bench or chair form. *Write in No. 1066*



TIM & BILLY'S is loaded with decorative elements — from large-scale lighting and furnishings to signs and ephemera. *Write in No. 4380*



Dry-cast sandstone urns in classical styles from NICHOLS BROS. STONEWORKS add a historical flavor to settings like patios and entryways. *Write in No. 5980*



INTARSIA created this Mediterranean sun logo in a marble tabletop using water-jet technology for an upscale boutique. *Write in No. 275*

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WRITE IN NO. 1066

SourceList 58-60
Portfolio 57, 62-64

GRAND OPENINGS

Commercial establishments face a range of finish-hardware needs that are often unrelated to those of the residential market: door push bars, push plates, rail hardware, commercial-grade doorstops, lever handles, and ADA-compliant hardware. Many ADA-related concerns necessitate the use of commercial hardware such as levers, push bars, and rails. In the U.S., disabled people constitute more than ten percent of the population, but in public places, accessible design really benefits all.

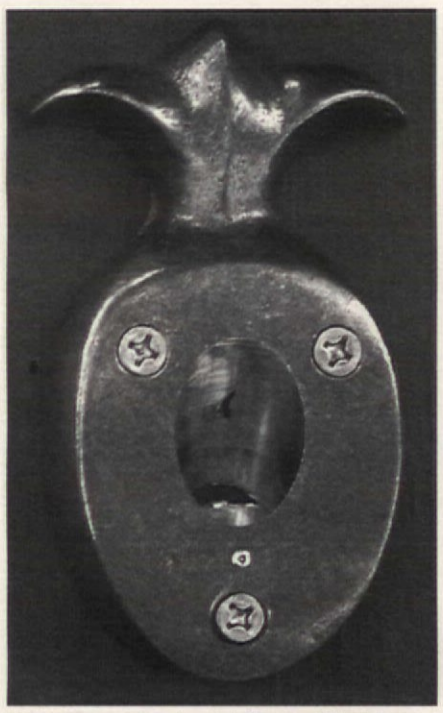
In addition, the popularity of adaptive re-use of buildings for commercial purposes has created a unique challenge to the designer: to find products that will meet modern needs and still be aesthetically pleasing in a historically-styled building. In response to this market shift, many hardware manufacturers have expanded their lines of traditionally styled hardware.

On the following pages, designers of restaurants, bars, hotels, lobbies, office buildings, and commercial spaces can find a number of suppliers of door and window hardware with commercial applications, in addition to bar fittings, railings, and other specialty hardware. We've included a number of manufacturers who would not term themselves "commercial" per se, but whose products are used in buildings both residential and commercial, and are unmatched in hand-crafted quality, historic styling, and decorative appeal. Some of these companies offer custom casting for those pieces you just can't find anywhere else. Custom finishing is another option, so that pieces will take on the same luster and patina throughout a space — or match existing old hardware.

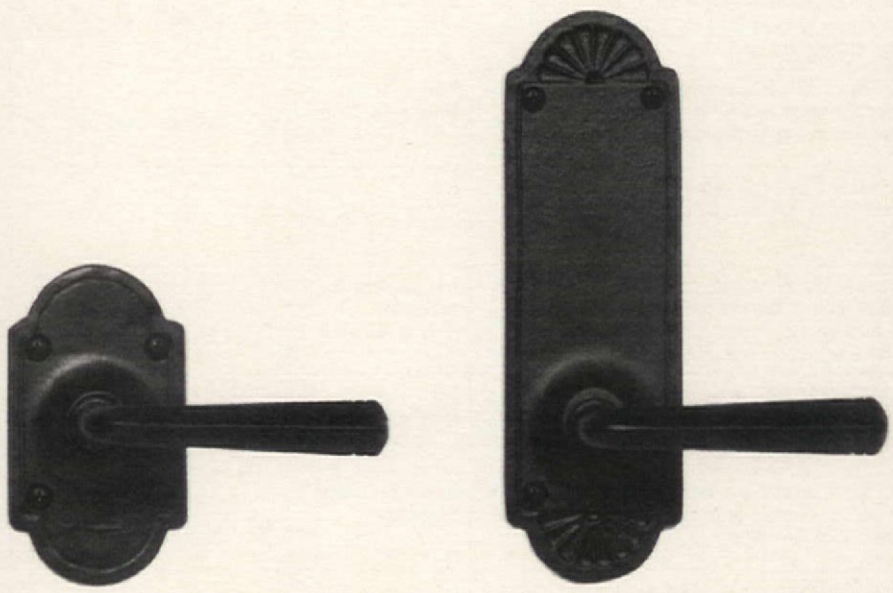
We surveyed 132 companies and present the 47 that best represent the commercial-hardware needs of the historical marketplace. — *LRA*

COMMERCIAL HARDWARE PORTFOLIO

For more information on these companies, consult the SourceList on pp. 58-60.



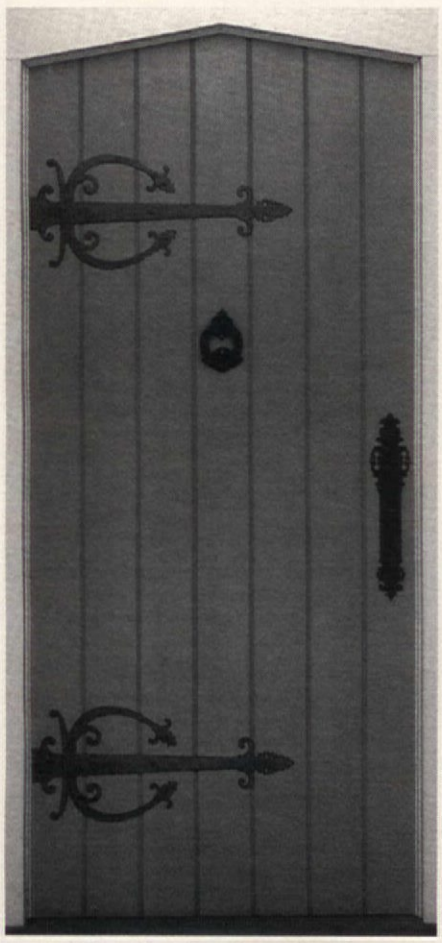
This pineapple-shaped flagstaff holder from CHAENOMELES is cast in bronze. *Write in No. 1361*



Southwestern elements adorn these iron levers and backplates (#450, left, and #420, right) from ARCHITECTURAL IRONWORKS. *Write in No. 540*



ADDKISON HARDWARE CO. distributes locksets from Baldwin, which range in style from simple designs to wildly ornate ones. *Write in No. 320*



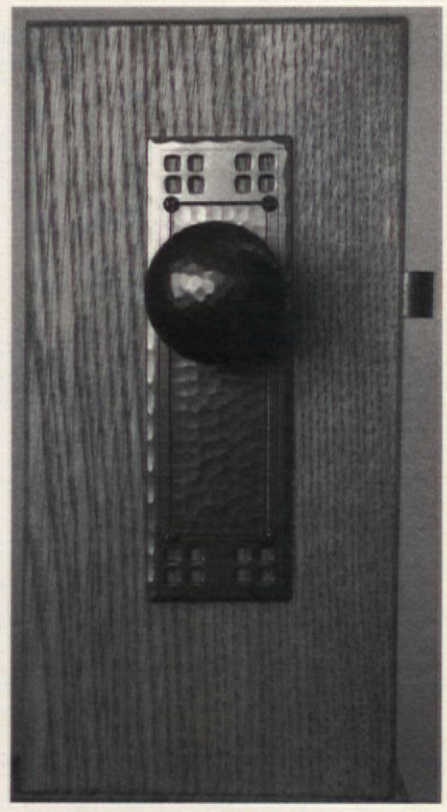
Forged-iron door hardware from ACORN FORGED IRON includes Gothic-style hinges and locksets. *Write in No. 1690*



This solid-yet-elegant door knocker from BALL & BALL HARDWARE is W209 from their catalog. *Write in No. 2930*



Decorative bathroom hardware from BOUVET includes towel bars, rings, and toilet-paper holders. *Write in No. 1620*



CRAFTSMAN HARDWARE CO. passage and entry hardware includes the C-346-U-KN door escutcheon with a C-342-V knob. *Write in No. 6980*

Instant Access to Product Literature for Hardware

If your office qualified to receive the 1997 TRADITIONAL BUILDING CATALOG, you'll find prefiled and indexed product literature there for the following suppliers of Hardware:

- Acorn Forged Iron
- Ball & Ball
- Lighting by Hammerworks
- Nanz Custom Hardware
- Phelps Co.
- Rocky Mountain Rustic Hardware Collection
- Southern Shutter Co.
- Tim & Bill's Architectural Antiques
- Vixen Hill Shutters

TRADITIONAL BUILDING's COMMERCIAL HARDWARE *SourceList*

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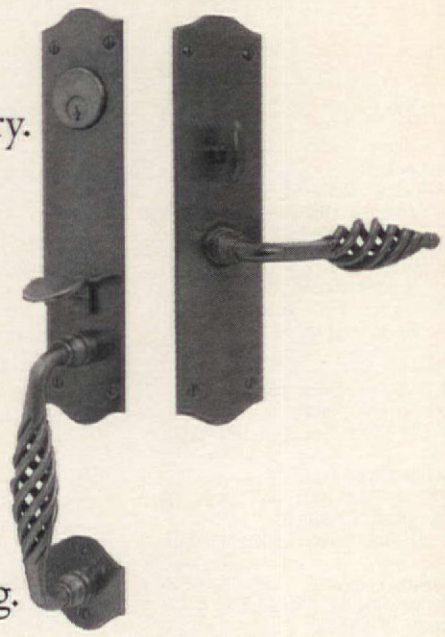
COMPILED BY LAURA R. ALLEN

COMPANY	SPECIALTY	Literature	TYPE OF HARDWARE									SPECIALTIES				
			Door Entry Hardware	Push Plates	Kick Plates	Push Bars	Cremone Bolts	Window Hardware	Transom Hardware	Drapery Hardware	Other	Bar Fittings	Bar Rails	Railings	Switch Plates	Other
Acorn Forged Iron 457 School St., Box 31, Dept. TB Mansfield, MA 02048 508-339-4500; Fax: 508-339-0104	Manufactures a wide range of Early American forged-iron builder's hardware, including hinges, latches, slide bolts, pulls, lever handles, and hardware for shutters and wood gates.	Free Write in No. 1690	✔	✔	✔			✔		✔					✔	
Addkison Hardware Co. P.O. Box 102, Dept. TB Jackson, MS 39205 800-821-2750; Fax: 601-354-1916	This company, established in 1925, has over 30 lines of decorative and utility hardware, including door and shutter hardware in a variety of metals and other materials.	Free Write in No. 320														
Al Bar-Wilmette Platers 127 Green Bay Rd., Dept. TB Wilmette, IL 60091 847-251-0187; Fax: 847-251-0281	Metal-restoration facility, restoring door and window hardware, plumbing fixtures, and more; bronze, copper, nickel, chrome, silver, and gold; also, antique door hardware; custom casting.	Free	✔	✔	✔			✔								Restoration of hardware
Anthony, J.L. 10420 Markison Rd., Dept. TB Dallas, TX 75238 214-340-0359; Fax: 214-340-3108	Custom drapery hardware available in 2-1/4- and 3-in.-dia. wooden poles. Finials, rings, brackets, and traversing systems available in a wide range of standard and custom finishes.	Free								✔						
Architectural Iron Works 2815 Industrial Rd., Dept. TB Santa Fe, NM 87505 505-438-1864; Fax: 505-438-0033	Variety of aluminum and bronze hardware for doors and cabinets in Classic and American Southwest styles.	Free Write in No. 540	✔	✔				✔			Cabinet, bath hardware					
Architectural Products by Outwater P.O. Box 347, Dept. TB Wood-Ridge, NJ 07075 800-631-8375; Fax: 800-888-3315	Major stocking supplier of more than 20,000 in-stock, ready-to-ship standard-component building products; wide selection of stock and custom hardware products and related accessories; wide range of styles and finishes.	Free Write in No. 4934	✔	✔	✔	✔	✔				Door knockers	✔	✔	✔	✔	Cabinet hardware
Architectural Resource Center 557 Old Turnpike Rd., Dept. TB Northwood, NH 03261 800-370-8808; Fax: 603-942-7465	Builders hardware for doors, windows, cabinets, and millwork. Premium-quality window pulleys in cast bronze or brass. Custom weights. Awning hardware, window locks, and more.	Free Write in No. 1670	✔	✔	✔	✔	✔	✔	✔	✔	Hinges	✔	✔	✔		
Arts & Crafts Hardware 3860 Ellamae, Dept. TB Oakland, MI 48363 248-652-7652; No fax	Authentic Arts & Crafts reproduction cabinet-door and drawer pulls; hinges, hooks, and tacks for cabinets and furniture.	Free														Cabinet door and drawer pulls
Ball & Ball Hardware 463 W. Lincoln Hwy., Dept. TB Exton, PA 19341 610-363-7330; Fax: 610-363-7639	Manufactures historically accurate copies of 18th-, 19th-, and 20th-century builder's hardware and lighting. Broad line of furniture hardware and fireplace tools; repairs and sells antique hardware; custom reproductions.	Free brochure, catalog $9 Write in No. 2930	✔				✔	✔	✔		Hinges, custom hardware					
Bathroom Machineries, DEA P.O. Box 1020, Dept. TB Murphys, CA 95247 800-255-4426; Fax: 209-728-2320	Restorer of plumbing and lighting fixtures; reproduction and original lighting, hardware, tubs, sinks, toilets, transom hardware, and pull-chain toilets. Also, videos and catalogs.	Free Write in No. 5860	✔	✔	✔	✔	✔	✔	✔	✔	Hinges	✔	✔	✔	✔	Transom hardware, knockers
Beardmore & Co. 3-4 Percy St., Dept. TB London, England, EN W1P OEJ (071)637-7041; Fax: (071)436-9222	Traditional British architectural ironmongery; large collection of hardware patterns; Regency decorative grilles. Large catalogue with patterns from the 1800s.	Catalog free, charge for postage	✔	✔	✔	✔	✔	✔	✔	✔		✔	✔		✔	Mail order worldwide
Blaine Window Hardware, Inc. 17319 Blaine Dr., Dept. TB Hagerstown, MD 21740 800-678-1919; Fax: 301-797-2510	Manufacturer/distributor of over 20,000 types of hard-to-find contemporary and obsolete window and door hardware: casement, jalousie, and awning operators, hinges, window balance systems, and more. Custom reproductions available.	Free	✔			✔		✔	✔	✔	Custom hardware					Custom work
Bouvet, Inc. 540 De Haro St., Dept. TB San Francisco, CA 94107 415-864-0273; Fax: 800-282-6883	Decorative-hardware company, est. 1884, offers a wide selection of hand-forged iron hardware: door pulls, levers, bolts, knockers, and cabinet hardware. The products are made in France and adapted to U.S. standards.	Free Write in No. 1620	✔	✔			✔				Bath accessories					Cabinet hardware
Brandywine Valley Forge P.O. Box 1129, Dept. TB Valley Forge, PA 19482 610-948-5116; Fax: 610-948-5116	Restoration blacksmiths offering stock, custom, and semi-custom hardware for interior and exterior applications; specialize in shutter hardware; wide range of regional and period variations.	Free Write in No. 302														Shutter and blind hardware
Bronze Craft Corp. P.O. Box 788, Dept. TB Nashua, NH 03061 800-488-7747; Fax: 603-883-0222	White-bronze hardware for heavy commercial/architectural windows, including cam handles, roto-operators, friction hinges, locks for hung windows, and tilt/turn hardware.	Free Write in No. 8380						✔	✔		Cam handles					
Butler Co., Edward R. 75 Spring St., 5th Fl., Dept. TB New York, NY 10012 212-925-3565; Fax: 212-925-3305	Custom manufacturer, importer, and distributor of premium-quality brass, bronze, stainless-steel, and wrought-iron hardware for doors, windows, and furniture; hardware repair, custom finishes, plumbing and bathroom fixtures.	Free Write in No. 2260	✔	✔	✔		✔	✔	✔							Furniture hardware
C.A.N. Art Handworks 2503 Helen St., Dept. TB Detroit, MI 48207 313-922-3755; Fax: 313-922-8465	Reproductions of original castings and forgings; custom design and fabrication of facades, canopies, fences, gates, doors, spirals, finials, hardware, banisters, and more.	Free Write in No. 3350		✔	✔	✔										Custom casting, forging
Caradon Friedland, Inc. 255 Quaker Ln., Suite 100, Dept. TB West Warwick, RI 02893 800-767-1837; Fax: 401-822-0470	Manufacturer of door chimes and traditional pushbuttons in marble, granite, and brass.	Free	✔													Door bells
Chaenomeles, Inc. P.O. Box 7011, Dept. TB Dallas, TX 75209 214-249-6785; Fax: 214-826-1693	Large, hand-crafted, quality copper mailboxes for wall or post mounting. Custom stands and house numbers. Beautiful cast-bronze flag-staff holders with patented display system.	Free Write in No. 1360 for mailboxes & No. 1361 for flag-staff holders														Flag holders, mailboxes
Cirecast, Inc. 380 Seventh St., Dept. TB San Francisco, CA 94103 415-863-8319; Fax: 415-863-7721	High-quality lost-wax, investment-cast reproduction door and window hardware and lighting fixtures. Catalog items are from 1870-1885 pattern designs. Extensive experience in custom commercial projects.	Free	✔	✔			✔	✔	✔		Pocket-door locks					Porcelain knobs
Craftsman Hardware Co. P.O. Box 161, Dept. TB Marceline, MO 64658 816-376-2481; Fax: 816-376-4076	Arts & Crafts-style hand-hammered copper, brass, and bronze sash lifts; custom hardware.	Free Write in No. 6980						✔								Custom hardware
Dark Horse Foundry 27219 Holly Lane, Dept. TB Mechanicsville, MD 20659 301-373-2158; No fax	Specialist in preparing bronze and aluminum castings from your hardware.	Free														Custom-cast hardware
Eugenia's Antique Hardware 5370-72 Peachtree Rd., Dept. TB Chamblee, GA 30341 800-337-1677; Fax: 770-458-5966	Supplier of authentic antique hardware, such as curtain tie-backs, door knockers, hinges, door plates, rosettes, furniture hardware, and twist bells. Vintage bathroom accessories in nickel-plated brass and porcelain.	Free flyer, catalog $1 Write in No. 4310	✔	✔				✔			Interior door sets					Glass cabinet hardware
Golden Lion, Inc. 3910 Minerva Ave., Dept. TB Los Angeles, CA 90066 310-398-2848; Fax:	Imported lines of French door hardware; traditional handmade rustic iron/bronze hardware; importer of Bricard and Turnstyle Designs lines of hardware.	Free Write in No. 115	✔	✔			✔				Custom hardware, knockers	✔	✔	✔	✔	Cabinet hardware, hinges

Decorative Hardware & Plumbing

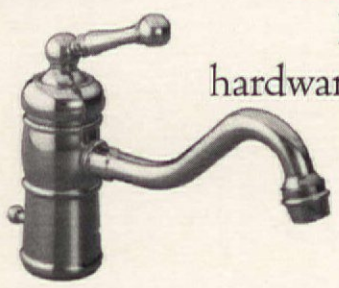


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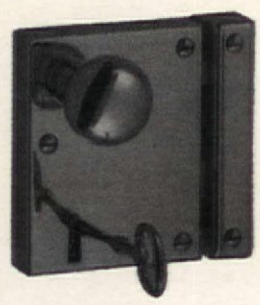
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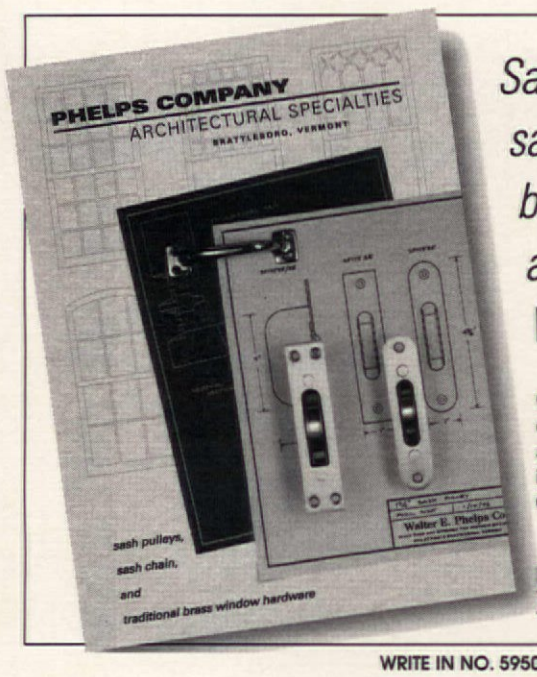


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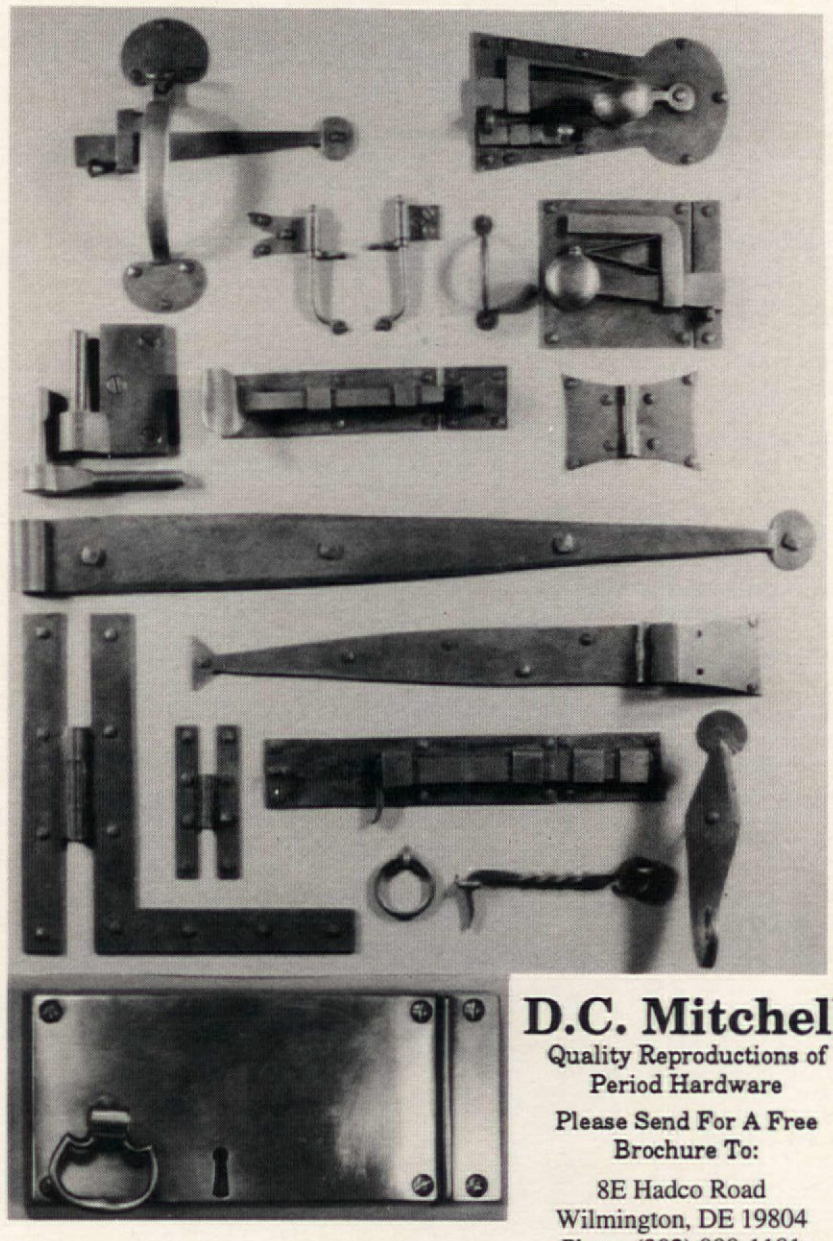
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CSI # 08700

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COMPANY	SPECIALTY	Literature	TYPE OF HARDWARE									SPECIALTIES				
			Door Entry Hardware	Push Plates	Kick Plates	Push Bars	Cremone Bolts	Window Hardware	Transom Hardware	Drapery Hardware	Other	Bar Fittings	Bar Rails	Railings	Switch Plates	Other
Grantco, Inc. **349 Peel St., Dept. TB** **New Hamburg, Ont., CANADA N0B 2G0** **519-662-3892; No fax**	Reproduction Victorian door and window hardware in cast brass and cast iron, including screen-door hinges and handles.	Free	✔													Hinges
Gruppo, Inc. **2835 Harriet Ave. So., Dept. TB** **Minneapolis, MN 55408** **612-870-3500; Fax: 612-870-3555**	Custom and historical castings (sand and lost wax) for interior and exterior application; hardware, grilles, plaques, and statues; architectural graphics; hardware custom tooled to fit modern locksets; prototype to production runs.	Free Write in No. 5840	✔	✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔	Custom interiors, custom furniture
HT Sales **718 10th Ave., Dept. TB** **New York, NY 10019** **212-265-0749; Fax: 212-262-0150**	Professional hardware consultants and specification writers as well as product distributors of door and window hardware, access-control hardware. Also, fire extinguishers and cabinets, commercial washroom accessories.	Free Write in No. 286	✔	✔	✔	✔	✔	✔	✔		Electronic access controls	✔	✔	✔	✔	Commercial washroom specialties
Ives Hardware, H.B. **62 Barnes Park Rd. North, Dept. TB** **Wallingford, CT 06492** **203-294-4837; Fax: 203-284-1460**	Company has manufactured fine hardware since 1876. It offers forged door knobs and levers, crescent window lock, lifts, casement operators, decorative surface bolts, kick plates, and more in brass, bronze, aluminum, and steel.	Free	✔	✔	✔			✔			Flush bolts, knockers	✔			✔	
Johnson Products **2100 Sterling Ave., Dept. TB** **Elkhart, IN 46516** **800-837-5664; 219-294-4697**	Commercial grade folding-, sliding-, and pocket-door tracks and hardware.	Free									Folding-, sliding-, and pocket-door tracks, hardware					
Katonah Architectural Hardware **180 Katonah Ave., Dept. TB** **Katonah, NY 10536** **914-232-7796; Fax: 914-232-0773**	Offers all lines of fine door hardware and accessories, consultation, specifications, restoration, and reproduction of originals, refinishing and refurbishing, and custom plating. Custom designs fabricated; installation available.	Free Write in No. 122	✔	✔	✔	✔	✔									
Kayne & Son Custom Hardware **100 Daniel Ridge Rd., Dept. TB** **Candler, NC 28715** **704-667-8868; Fax: 704-665-8303**	Custom hand-forged ferrous and non-ferrous metals, strap hinges, thumb latches to match hinges, complete entrance hardware, special fasteners; cast brass or bronze, interior and exterior, in the finish of your choice, and much more.	Free flyer, catalog $5 Call for more information	✔	✔	✔	✔	✔	✔	✔	✔	Hinges					Custom work
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Kraft Hardware **306 E. 61st St., Dept. TB** **New York, NY 10021** **212-838-2214; Fax: 212-644-9254**	Vast selection of decorative hardware; many original styles, as well as distribution of other lines; door and window hardware, transom hardware, cabinet pulls, and knockers.	Free Write in No. 269	✔	✔	✔	✔	✔	✔	✔		Knockers					Cabinet pulls
Ludwig Industries **133 Middleton St., Dept. TB** **Brooklyn, NY 11206** **800-827-2312; Fax: 718-387-0524**	Manufacturer of box, cabinet, and furniture hardware in aluminum, brass, and steel.	Free														Furniture hardware
Maguire Iron Corporation **215 22nd St., Dept. TB** **Richmond, CA 94801** **510-234-7569; Fax: 510-232-7519**	Door, window, and other builders' hardware: push plates, kick plates, hooks, etc., in wrought iron, pewter, brass, bronze, and much more. Patterns from 17th-century to Art Deco styles; custom work.	Free Write in No. 7600	✔	✔	✔	✔		✔	✔	✔						
Mitchell, D.C. **8E Hadco Rd., Dept. TB** **Wilmington, DE 19804** **302-998-1181; Fax: 302-994-0178**	Authentic reproduction period door and shutter hardware, including box locks, strap hinges, shutter tie backs, etc.	Free Write in No. 2800	✔													Shutter hardware
Nanz Custom Hardware, Inc. **20 Vandam St., Dept. TB** **New York, NY 10013** **212-367-7000; Fax: 212-367-7375**	Custom manufacturer of high-end period door hardware, Gothic to Moderne. Expert metal finishing; consultation, specification, and restoration services.	Free Write in No. 1150	✔	✔	✔	✔	✔	✔	✔	✔						Custom hardware
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Peters & Son, Inc. **1936 N. Front St., Dept. TB** **Philadelphia, PA 19122** **215-739-9500; Fax: 215-739-9779**	Period-style hardware for shutters, doors, and gates in wrought steel with a black finish.	Free Write in No. 1240	✔													Shutter hardware
Phelps Company/Architectural Specialties **Box 453, RR 5, Dept. TB** **Brattleboro, VT 05301** **802-257-4314; Fax: 802-258-2270**	Traditional brass window hardware including sash pulleys, sash locks and lifts, sash cord and chain, casement adjusters, and bronze screen wire.	Free Write in No. 5950						✔								Sash pulleys, sash chain, bronze screen wire, casement adjusters
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Sealeze Corp. **8000 White Pine Rd., Dept. TB** **Richmond, VA 23237** **800-446-7325; Fax: 804-271-3428**	Manufactures nylon-brush weatherseals that conform precisely to any surface irregularities and stops air infiltration by 98.5%.	Free														Weatherseal products, thresholds
Sign of the Crab **3756 Omec Circle, Dept. TB** **Rancho Cordova, CA 95742** **916-638-2722; Fax: 916-638-2725**	Distributes a wide range of high-quality solid-brass door hardware and trim, plumbing fittings, faucets, and bath and shower accessories. Also, traditional copper weathervanes. Custom work. Antique, Victorian and modern styles.	Free Write in No. 7400	✔	✔	✔	✔		✔	✔	✔					✔	
Simon's Hardware and Bath **421 Third Ave., Dept. TB** **New York, NY 10016** **212-532-9220; Fax: 212-481-0564**	Specialist in all forms of decorative and architectural hardware, all types and periods, including mail slots, sweeps, and closers; services the trade and retail customers; also, kitchen, bath, marble, stone, and tile departments.	Free flyer, catalog $25 Write in No. 420	✔	✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔	Door knockers, hooks
Sun Valley Bronze **P.O. Box 3475, Dept. TB** **Hailey, ID 83333** **208-788-3631; Fax: 208-788-1306**	Manufacturer of premium-quality bronze decorative hardware; specialist in door, cabinet, bathroom, and kitchen hardware, made to order.	Free Write in No. 136	✔	✔	✔	✔										Cabinet hardware, custom hardware
Valli & Valli (USA) Inc. **P.O. Box 245, Dept. TB** **Duarte, CA 91009** **818-359-2569; Fax: 818-358-0743**	Manufacturer and distributor of door and cabinet hardware in solid brass and a variety of finishes; also, bathroom accessories.	Free	✔													Cabinet hardware
Wm. J. Rigby Co. **73 Elm St., Dept. TB** **Cooperstown, NY 13326** **607-547-1900; Fax: 607-547-5939**	This company sells unused, antique hardware for doors, windows, and furniture in a variety of styles and finishes. The stock is from c. 1860 to 1940 and is ever-changing. Also restores existing hardware.	Free Write in No. 8410	✔	✔		✔	✔	✔	✔							

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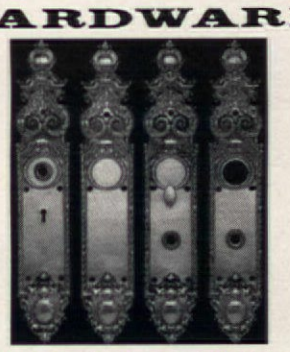


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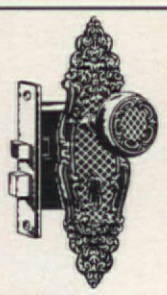
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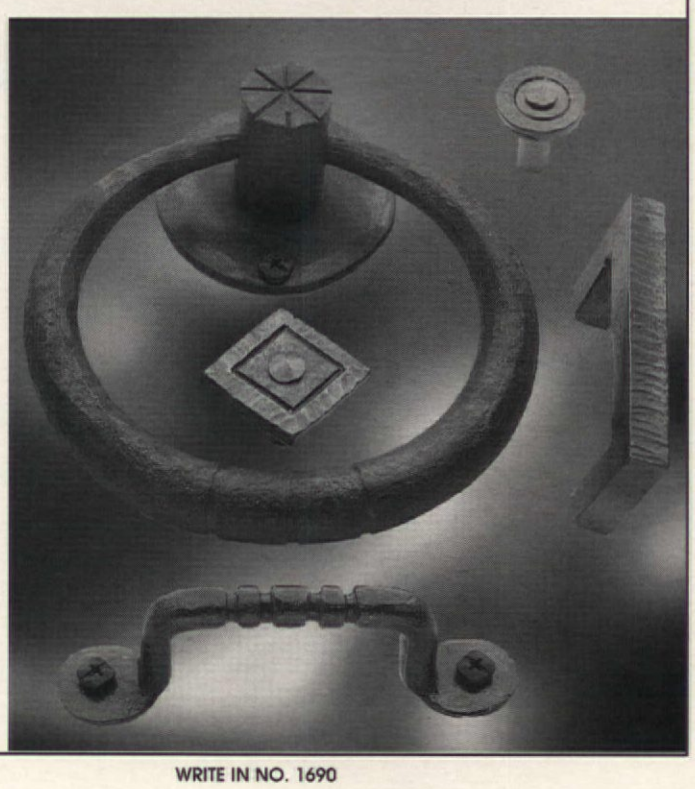
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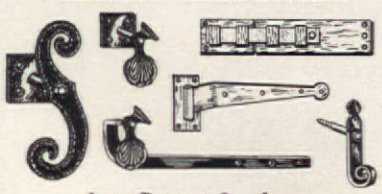
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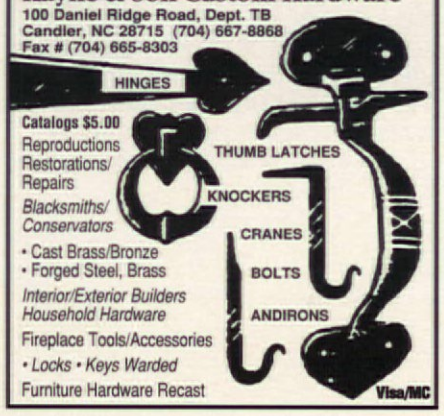


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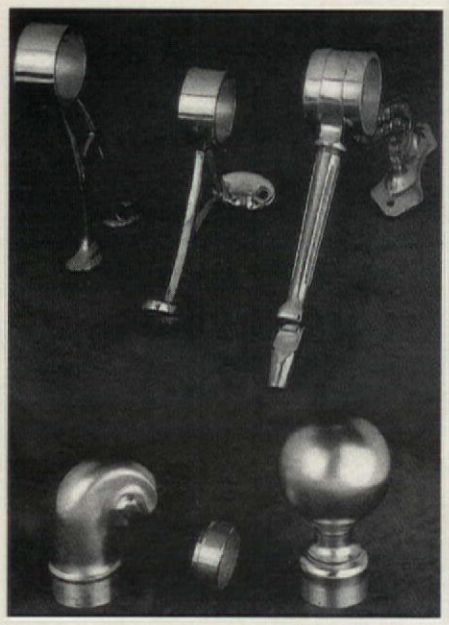
Visa/MC

COMMERCIAL HARDWARE PORTFOLIO

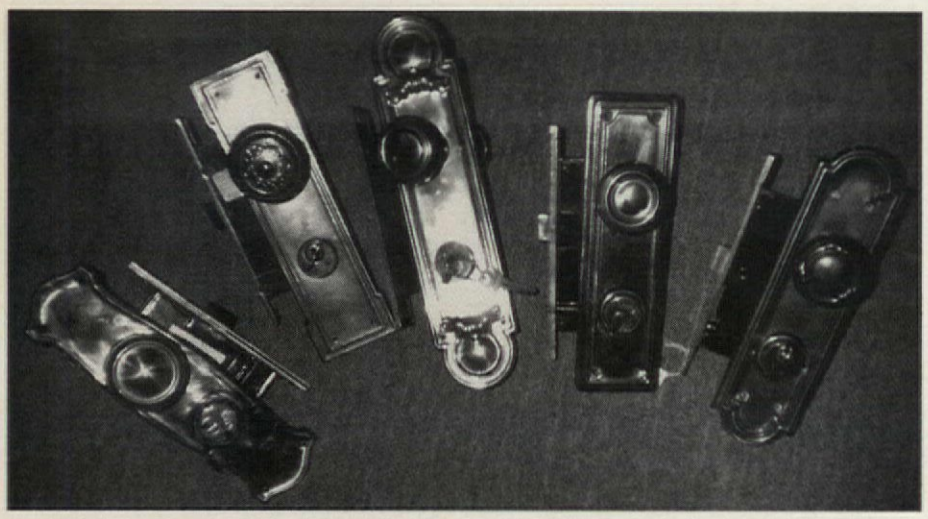
For more information on these companies, consult the SourceList on pp. 58-60.



European hardware from THE GOLDEN LION includes these hand-cast marble composite knobs. The themes, including animal and shell designs, are echoed in other lines, including door knobs and escutcheons, and bathroom accessories. *Write in No. 115*



Hardware from DEA/BATHROOM MACHINERIES includes rail holders and brackets for resting feet along the bar. *Write in No. 5860*



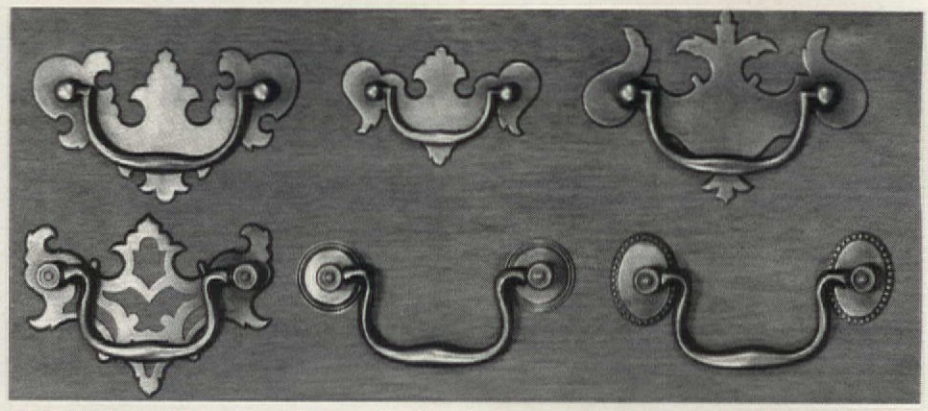
The offerings from EUGENIA'S ANTIQUE HARDWARE include deadbolt entry-door hardware. *Write in No. 4510*



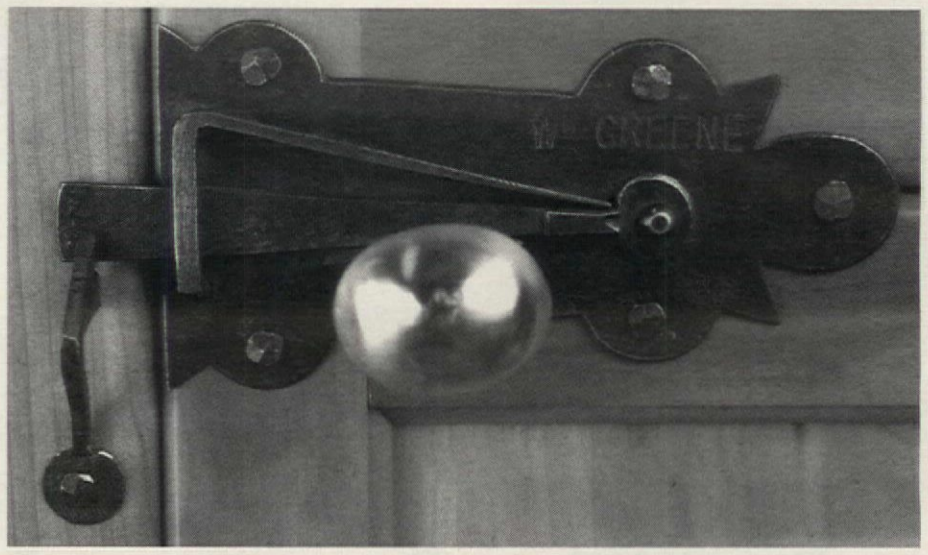
KOLSON, INC., distributes hardware from a number of manufacturers, and has an extensive line of door hardware, which includes these elegant knobs. *Write in No. 3760*



Original stock unused builder's hardware from WM. J. RIGBY CO. includes pulleys, tops, and locks from manufacturers including P. & F. Corbin and Russell & Erwin Manufacturing. *Write in No. 8410*



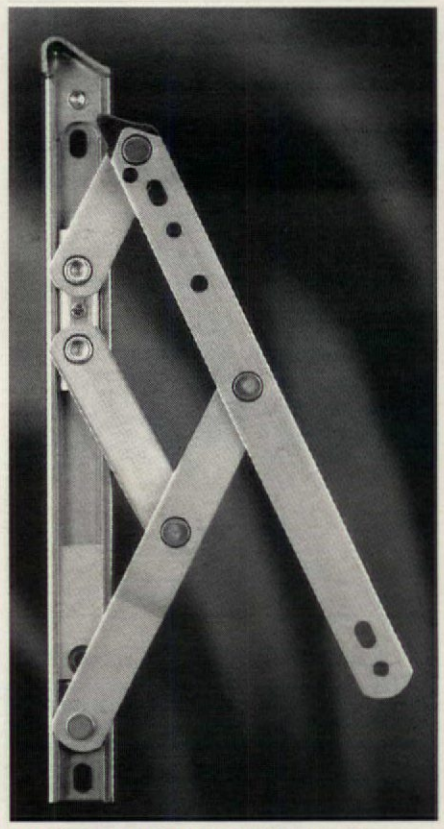
D.C. MITCHELL carries a large selection of reproduction furniture hardware. *Write in No. 2800*



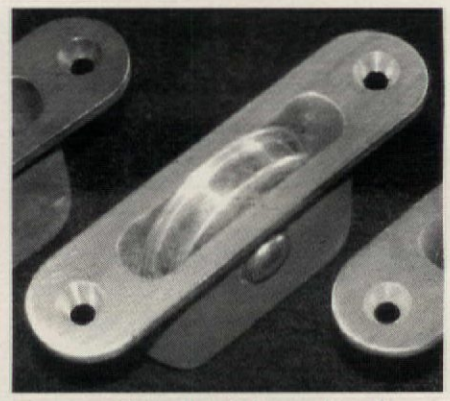
Signed with the name of the artisan who fabricated it, this 18th-century-style spring latch for an interior door is from BRANDYWINE VALLEY FORGE. *Write in No. 302*



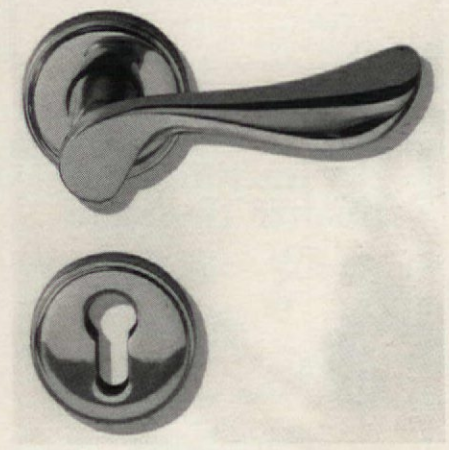
KAYNE & SON wraparound strap hinges with jamb pintles operate so that the hinges sit on the outside of the door and permit the door to swing in. *Call 704-667-8868 for more information.*



BRONZE CRAFT CORP.'s four-bar friction hinge complies with child-safety guidelines. *Write in No. 8580*



Commercial-grade window sash pulleys are available from the ARCHITECTURAL RESOURCE CENTER. *Write in No. 1670*



EDWARD R. BUTLER distributes European door hardware, including this streamlined design by Johannes Potente, #1020/1738/1739. *Write in No. 2260*

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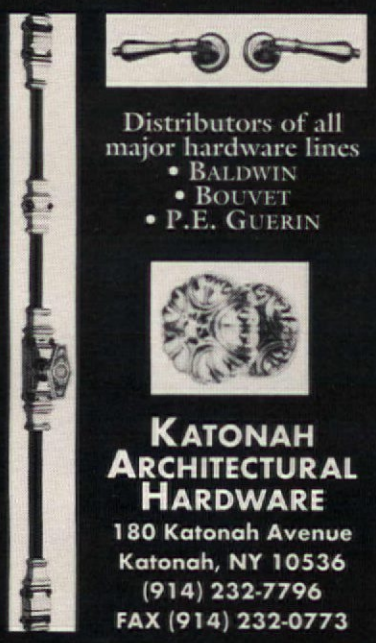
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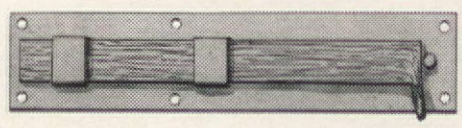
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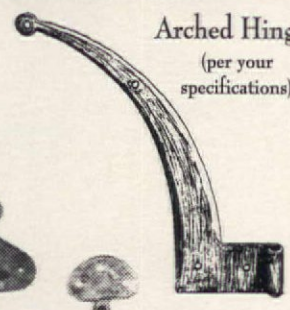
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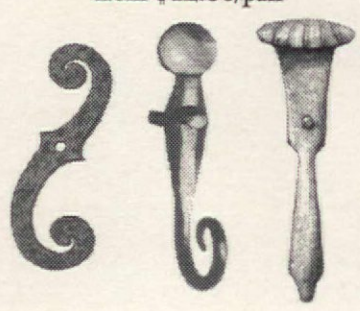
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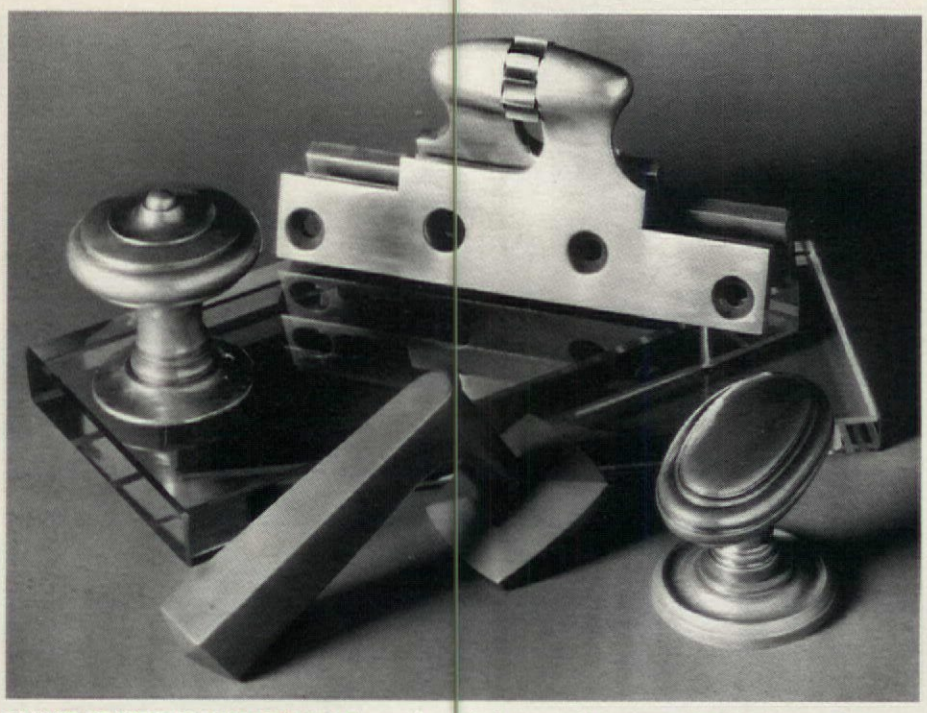
WRITE IN NO. 302

COMMERCIAL HARDWARE PORTFOLIO

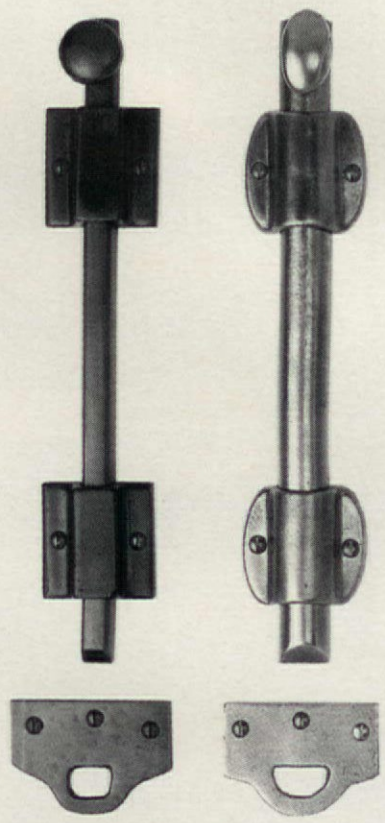
For more information on these companies, consult the SourceList on pp. 58-60.



This 14-in. brass door pull was custom crafted by ROCKY MOUNTAIN RUSTIC HARDWARE for a lodge in Idaho. *Write in No. 7720*



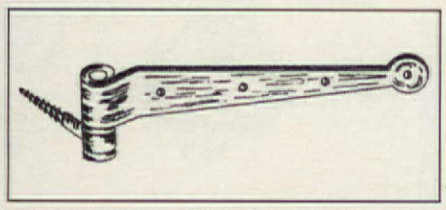
NANZ CUSTOM HARDWARE's products in brass or bronze include a range of premium-quality door escutcheons, levers, and hinges. *Write in No. 1150*



Surface-bolt hardware from SUN VALLEY BRONZE takes on a beautiful hand-finish in a choice of shades of white- or silicon-bronze patinas. *Write in No. 136*



A range of stops and holders for doors is available from H.B. IVES CO.



Hinges and forged hardware in the Colonial style is a signature of PETERS & SON, INC. *Write in No. 1240*



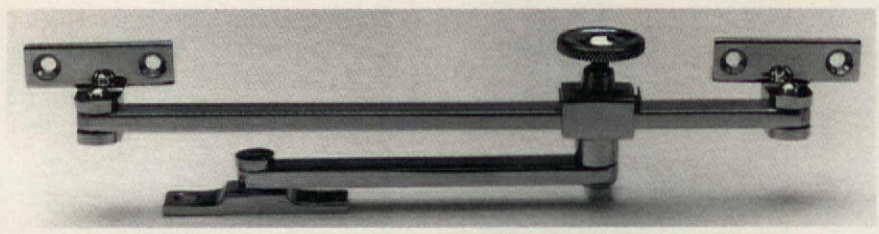
Ornate lever-door hardware from MAGUIRE IRON is handmade in England, and matches other types of hardware available singly or as a package. *Write in No. 7600*



The butterfly hinge takes on new meaning, as an elegant decorative element from the large stock at SIMON'S HARDWARE. *Write in No. 420*



Various textures and shapes shown here just hint at the full range of traditional hardware available from KATONAH HARDWARE. *Write in No. 122*



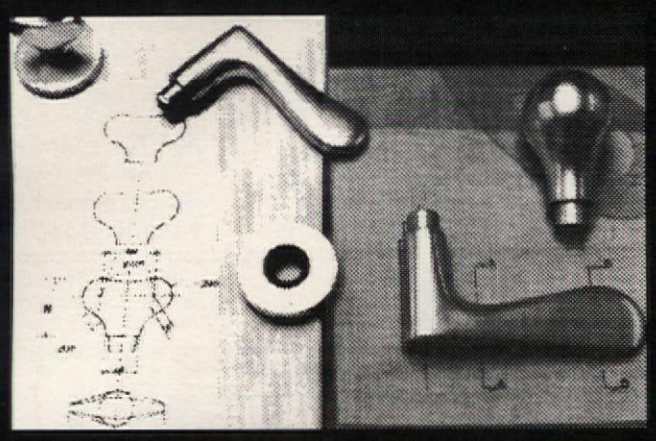
This solid-brass slide-bar casement adjuster is a traditional design from PHELPS CO./ARCHITECTURAL SPECIALTIES, made for use on inswing or outswing wood casement windows. *Write in No. 5950*



NOTTING HILL DECORATIVE HARDWARE includes the imaginative designs on these knobs: a cat chasing a salamander; an Art Nouveau goddess; and a lucky horseshoe. *Write in No. 319*

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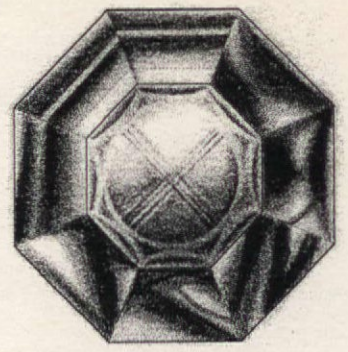
Product Selection

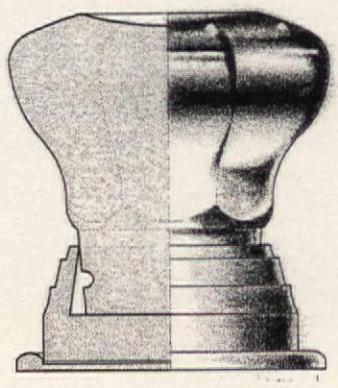
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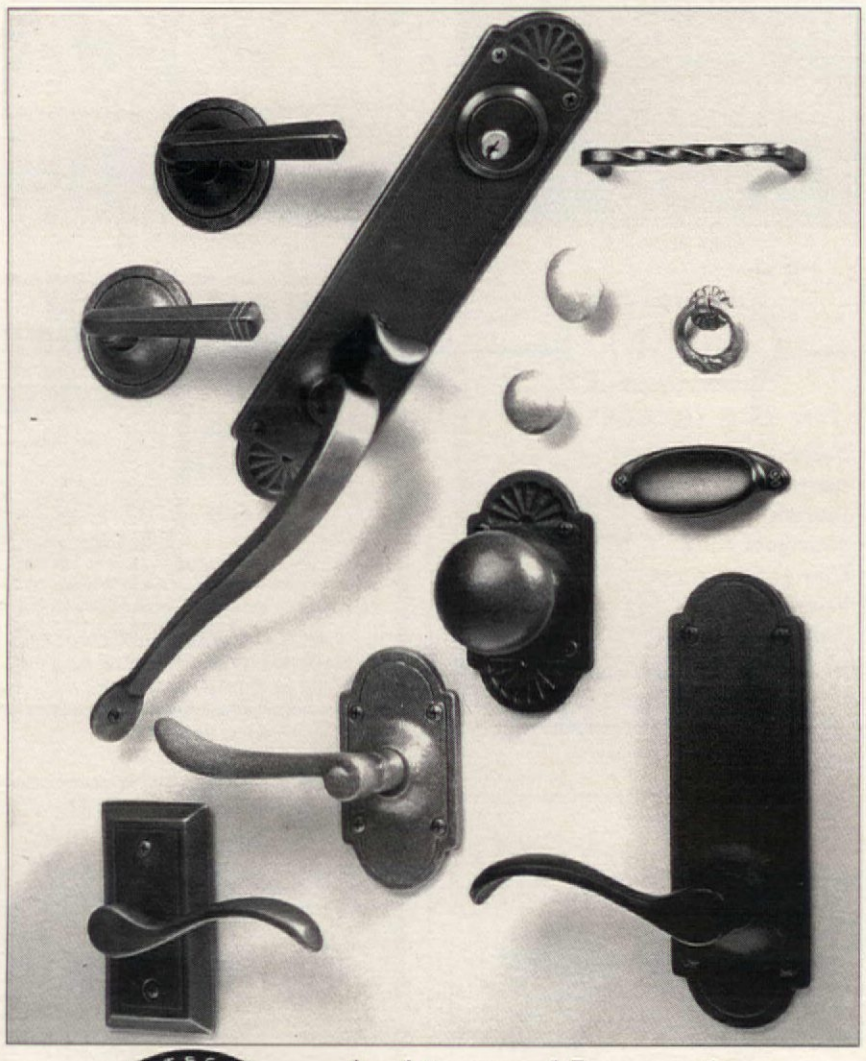
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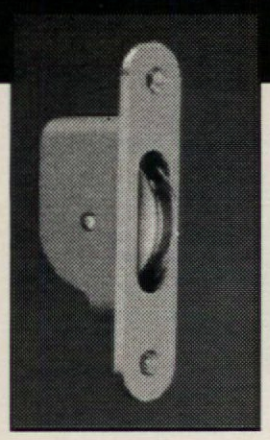
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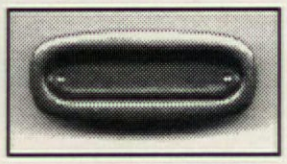
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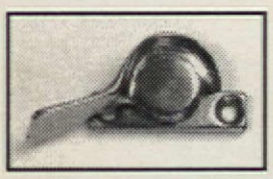


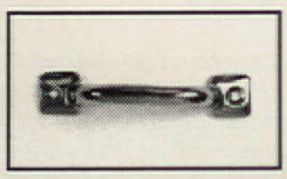
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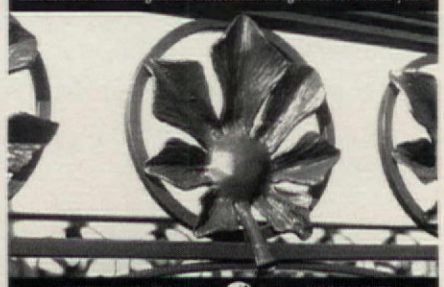
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WRITE IN NO. 8610

SourceList 68-74
Portfolio. . . . 67, 76-80

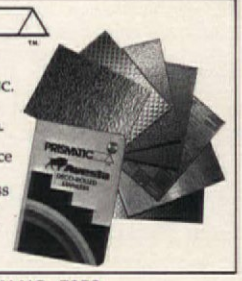
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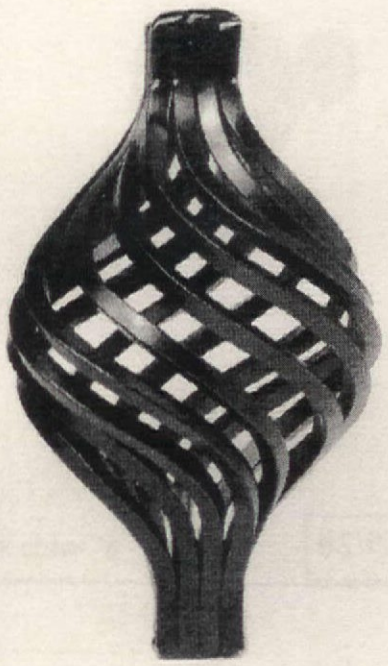
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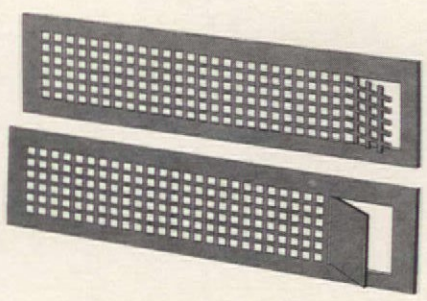
WRITE IN NO. 7730

ORNAMENTAL METALWORK PORTFOLIO

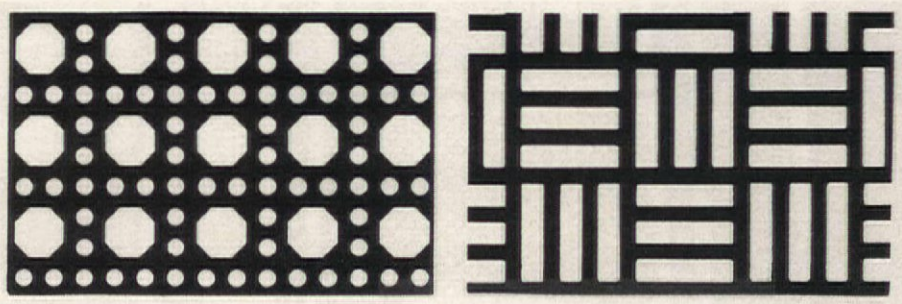
For more information on these companies, consult the SourceList on pp. 68-74.



These open-twist elements from ARCHITECTURAL IRON DESIGNS, called "Cages," can be welded into metal railings and balustrades to provide greater visual variety. *Write in No. 7950*



The access door in these perforated grilles from ARCHITECTURAL GRILLE can be either a solid panel (below) or simply a swinging section of the grille. *Write in No. 9820*

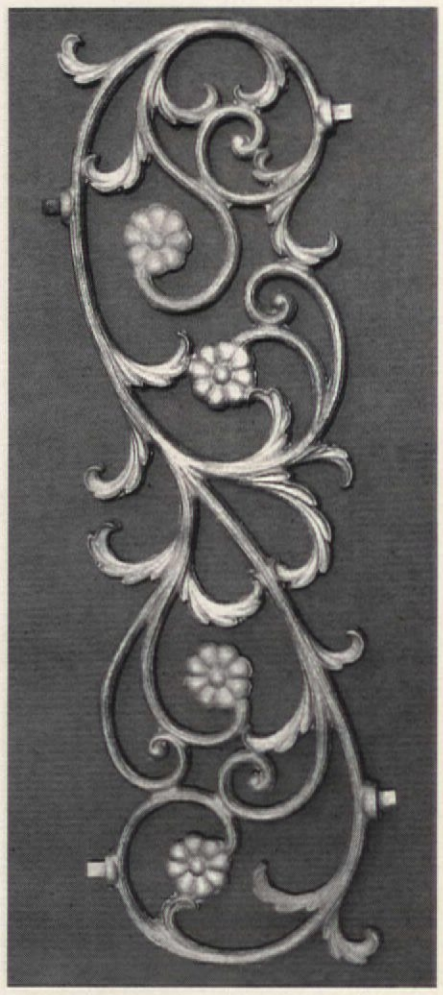


Along with custom-fabricated grilles, BARKER METALCRAFT also has six stock grille styles. Pictured here are the "Octagon Cane" (left), which is 41% open, and the "Triplex," which is 50% open. *Write in No. 7670*

Instant Access to Product Literature for
ORNAMENTAL METALWORK

If your office qualified to receive the 1997 TRADITIONAL BUILDING CATALOG, you'll find prefiled and indexed product literature there for the following suppliers of Ornamental Metalwork:

AA-Abbingdon • Allen Robbins Architectural Metals
Architectural Grille • Arsco Mfg. • Boundary Fence & Railing, Inc.
J.G. Braun • Chelsea Decorative Metal Co. • CopperCraft, Inc.
DAESA, Inc. • De Angelis Iron Work • Heather & Little, Ltd.
Historical Arts & Casting, Inc. • Klise Mfg. • Modern Art Foundry
Monarch • Monumental Iron Works
Reggio Register • W.F. Norman Corp.



This aluminum element is #510 from the ALLOY CASTING catalog. *Write in No. 4050*

TRADITIONAL BUILDING's ORNAMENTAL METALWORK *SourceList*

CSI# 05700

COMPILED BY LAURA R. ALLEN

COMPANY	SPECIALTY	Literature	TYPE OF ORNAMENTAL METALWORK: Gates/Railings	Furniture	Stairs	Lighting	Hardware	Sculpture	Signage/Plaques	Stamped Metal Ornament	Cast Ornament	Wrought Ornament	Registers & Grilles	Patinating	Other	Materials	% Custom
AA-Abbingdon Affiliates, Inc. 2149-51 Utica Ave., Dept. TB Brooklyn, NY 11234 718-258-8333; Fax: 718-338-2739	Company carries 25 original designs of tin panels for ceilings and walls, and 13 cornice styles. Finishes: unpainted or prepainted white, brass- or copper-plated, and chrome.	Free Write in No. 8920								✔							0%
Alloy Casting Co. 3900 Peachtree Rd., Dept. TB Mesquite, TX 75180 800-527-1318; Fax: 972-557-4727	Custom ornamental aluminum castings, including cresting, grilles, furnishings, and sculpted Victorian pickets. Custom capabilities: Design through finishing. Also offers woodcarving, tooling, electroplating, and powder coating.	Free Write in No. 4050									✔					Aluminum	30%
American Art Forge 161 Mangum St. SW, #400, Dept. TB Atlanta, GA 30313 404-584-9979; Fax: 404-688-7232	Forge and design studio fabricates hot-forged wrought-iron interior furnishings, gates, grilles, and other architectural iron.	Free Write in No. 48	✔	✔								✔				Wrought iron/steel	100%
American Ornamental Corp. P.O. Box 21548, Dept. TB Houston, TX 77026 800-231-3693; Fax: 713-635-2386	Manufacturers (for 33 yrs.) of spiral stairways in wrought iron, brass, bronze, aluminum, and stainless steel. The welded units have 88% hidden welds. No assembly required.	Free Write in No. 100			✔												80%
Architectural Grille 77 14th St., Dept. TB Brooklyn, NY 11215 718-832-1200; Fax: 718-832-1390	Custom-perforated and linear bar grilles, manufactured to any size or shape. Some stock sizes available. Waterjet technology available.	Free Write in No. 9820								✔			✔			Aluminum, brass, bronze, steel, stainless steel	95%
Architectural Iron Designs, Inc. 167 Dey St., Dept. TB Jersey City, NJ 07306 800-784-7444; Fax: 201-222-7767	Distributes a large selection of high-quality, hot-forged steel components for gates, fences, railings, balconies, grilles, furniture, and decorative accessories. Exclusive distributor for B. Rourke & Co.	Free Write in No. 7950	✔	✔	✔	✔	✔			✔	✔	✔				Wrought iron/steel, brass, cast iron, cast steel	5%
Architectural Products by Outwater P.O. Box 347, Dept. TB Wood-Ridge, NJ 07075 800-631-8375; Fax: 800-888-3315	Major stocking supplier of more than 20,000 ready-to-ship products in ornamental metal: furniture parts and trim, railings, ceiling panels, cornice moldings, hardware, and furniture hardware. Worldwide distribution.	Free Write in No. 4934	✔	✔			✔			✔		✔				Wrought iron/steel, aluminum, brass	7%
Arsco Mfg. Co. 3564 Blue Rock Rd., Dept. TB Cincinnati, OH 45247 800-543-7040; Fax: 513-741-6292	Manufactures steel radiator enclosures and baseboard covers for steam and hot-water heating systems.	Free Write in No. 8610											✔				N/A
B&H Art in Architecture, Ltd. 201 Allen St., #2C, Dept. TB New York, NY 10002 212-420-1584; Fax: 212-475-3489	Architecture, garden, and fine-art sculpture design; can follow blueprint, photo, or existing model, live model; interior and exterior, any material and size.	Free Write in No. 1009						✔							Garden ornament		100%
Barker Metalcraft 1701 W. Belmont Ave., Dept. TB Chicago, IL 60657 800-397-0129; Fax: 312-929-2281	Custom manufacturing of wall grilles, floor grilles, radiator covers, baseboard covers, convector covers, and heating enclosures in stamped and perforated metal.	Free Write in No. 7670											✔				100%
Besco Mfg. Co. P.O. Box 68, Dept. TB Zelienople, PA 16063 412-452-8430; Fax: 412-452-0977	Custom sand-cast aluminum decorative and architectural products, hand-molded and hand-poured. Size capabilities from inches to 22 ft. Columns based on old cast-iron originals, or custom work.	Free									✔					Aluminum	100%
Black Rose Forge 12615 Veirs Mill Rd., Dept. TB Rockville, MD 20853 301-946-4605; Fax: 301-946-4605	Works in all aspects of architectural and art metal; custom designs elegantly crafted in forged steel, copper, and bronze. Sculpture and restorations.	Free Write in No. 7550	✔	✔	✔	✔		✔	✔		✔	✔				Forged steel, copper, bronze, stainless steel	100%
Blacksmith's Journal P.O. Box 193, Dept. TB Washington, MO 63090 800-944-6134; Fax: 314-390-2133	Monthly publication of blacksmithing techniques; instructional content for making forged pieces.	Free														Instructional material	N/A
Blake Industries P.O. Box 155, Dept. TB Abington, MA 02351 781-337-8772; Fax: 781-335-3004	Manufactures and distributes site amenities, including fountains, cast-metal light fixtures, seating, clocks, and custom playground equipment.	Free Write in No. 2160		✔		✔					✔						30%
Brandon Industries, Inc. 1601 Wilmeth Rd., Dept. TB Mc Kinney, TX 75069 800-247-1274; Fax: 972-542-1015	Manufacturer/distributor of traditionally styled lighting fixtures and outdoor products; cast-aluminum lamp posts, mailboxes.	Free Write in No. 73				✔			✔						Mailboxes		0%
Braun, J.G. Co. P.O. Box 66, Dept. TB Skokie, IL 60076 800-323-4072; Fax: 847-674-1012	Architectural-metal warehouse of bronze, aluminum, and iron extrusions, handrails, and accessories; stamped ornament (husks, candle cups, etc.); forged ornaments; castings (rosettes, finials, etc.); hollow balls.	Free Write in No. 1390	✔		✔		✔			✔	✔	✔			Extru-sions, tubes	Wrought iron/steel, aluminum, bronze, brass, cast iron, malleable iron	1%
Brey-Krause Mfg. 1209 West Lehigh St., Dept. TB Bethlehem, PA 18018 610-867-1401; Fax: 610-866-1433	Metal fabricator of stainless-steel and brass railings, grab bars, hooks, and door hardware.	Free	✔				✔									Stainless steel	0%
Bronze Craft Corp. P.O. Box 788, Dept. TB Nashua, NH 03061 800-488-7747; Fax: 603-883-0222	White-bronze hardware for heavy commercial/architectural windows, including cam handles, roto-operators, friction hinges, locks for hung windows, and tilt/turn hardware.	Free Write in No. 8380					✔									Aluminum, bronze, brass	45%
Brumder Ornamental Iron, Inc. 40128 Industrial Park N., Dept. TB Georgetown, TX 78626 512-869-2830; Fax: 512-869-0140	Hot-forged, hand-wrought ornamental metalwork and lighting in classic and contemporary styles. Design services include presentation, CAD, sample, and model-making.	Free Write in No. 1860	✔		✔	✔										Wrought iron/steel	100%
C.A.N. Art Handworks 2503 Helen St., Dept. TB Detroit, MI 48207 313-922-3755; Fax: 313-922-8465	Reproductions of original castings and forgings; custom design and fabrication of facades, canopies, fences, gates, doors, spirals, finials, hardware, banisters, and more.	Free	✔		✔												90%
Chelsea Decorative Metal Co. 9603 Moonlight Dr., Dept. TB Houston, TX 77096 713-721-9200; Fax: 713-776-8661	Pressed-tin panels for ceilings and walls. Decorative sheets in 2-x-4-ft. sections; cornices in 4-ft. lengths. Styles from Victorian to Art Deco; commercial or residential. Shipped anywhere.	Free Write in No. 190								✔							5%
Christopher Thomson Ironworks P.O. Box 578, Dept. TB Ribera, NM 87560 505-421-2645; Fax: 505-421-2618	High-end, hand-forged furniture and furnishings for corporate offices, hotel rooms, and lobbies: lamps, desks, tables, fireplace accessories, and drapery rods.	Free Write in No. 237	✔	✔		✔	✔	✔							Fireplace tools	Wrought iron/steel, bronze	40%
Daniel Industrial Metals, Inc. 6045 So. Industrial Dr., Dept. TB Birmingham, AL 35235 205-655-7869; Fax: 205-655-8731	Custom-fabricated ornamental metals, including stairs and railings; custom patterns cut with plasma or waterjet technology.	Free	✔	✔	✔											Wrought iron/steel, aluminum, bronze, brass, copper, cast iron, stainless steel	100%

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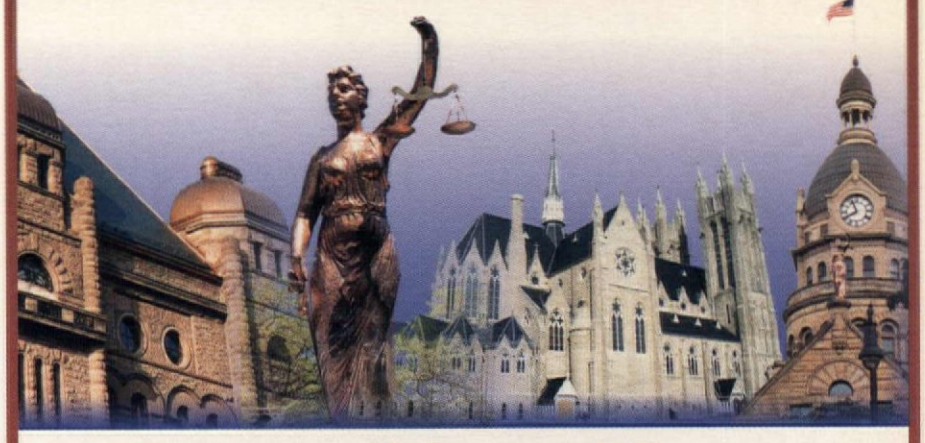
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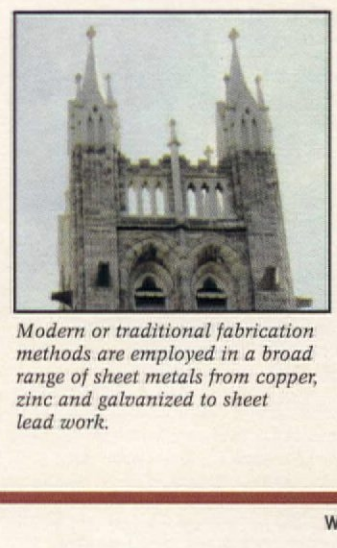
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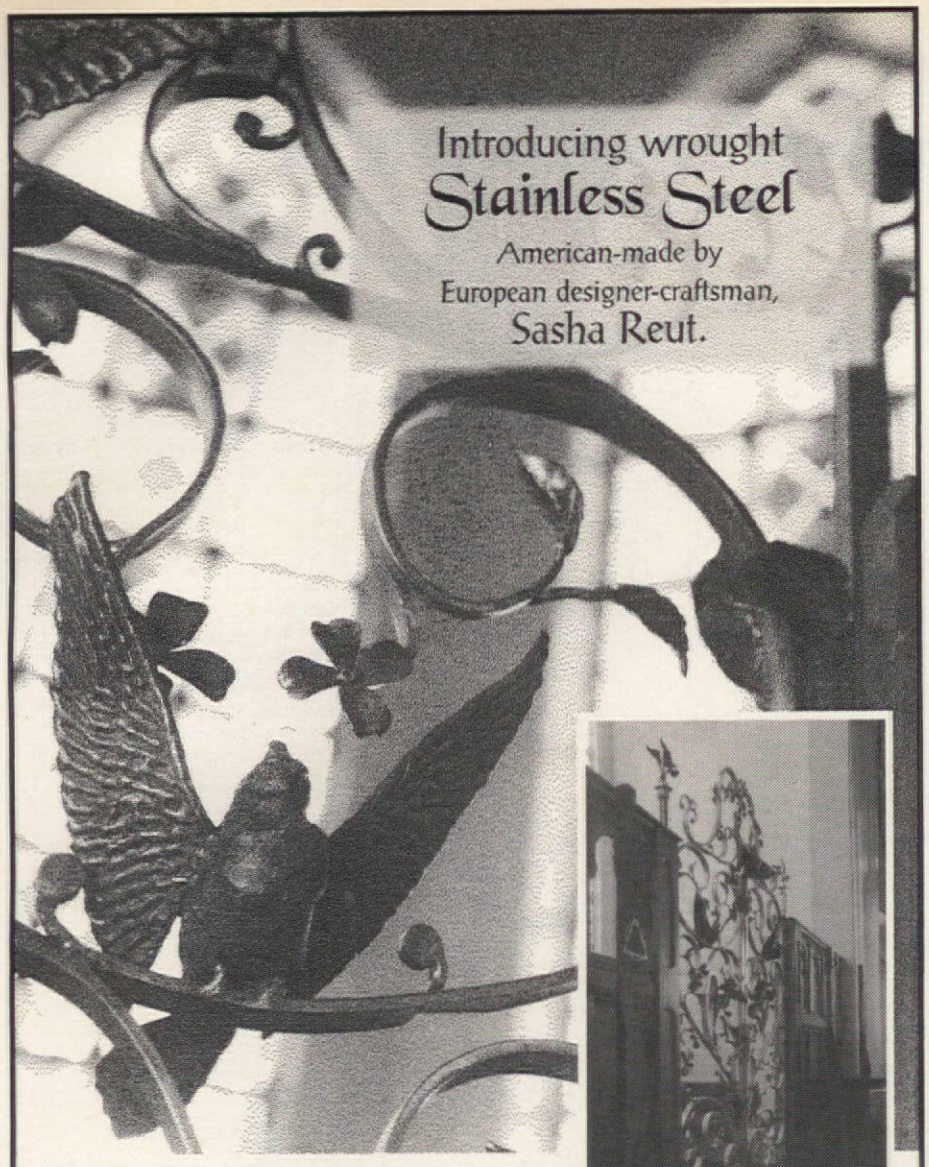
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TRADITIONAL BUILDING's ORNAMENTAL METALWORK *SourceList*

CSI# 05700

COMPILED BY LAURA R. ALLEN

COMPANY	SPECIALTY	Literature	TYPE OF ORNAMENTAL METALWORK													Materials	% Custom
			Gates/Railings	Furniture	Stairs	Lighting	Hardware	Sculpture	Signage/Plaques	Stamped Metal Ornament	Cast Ornament	Wrought Ornament	Registers & Grilles	Patinating	Other		
DeAngelis Iron Work **P.O. Box 350, Dept. TB** **South Easton, MA 02375** **888-676-4766; Fax: 508-238-7757**	Fabrication and restoration of ornamental iron; consultant for the planning and contract-preparation process or as a full-service facility for the design, fabrication, and installation of all types of custom work.	Free	✔		✔			✔	✔			✔	✔			Wrought iron/steel, bronze, brass, cast iron, stainless steel	100%
Fine Architectural Metalsmiths **P.O. Box 30, Dept. TB** **Chester, NY 10918** **914-651-7550; Fax: 914-651-7857**	Award-winning metalwork studio offers full service, from shop drawings through electronic-gate installation; classical to contemporary forgework, gold leaf, and patinations. Also, garden sculpture, arbors, gazebos, grilles.	Free	✔	✔	✔	✔		✔				✔		✔		Wrought iron/ steel, aluminum, bronze, brass, copper, cast iron, stainless steel	100%
Fire-Art Foundry **7914 Ronson Rd., Ste. D, Dept. TB** **San Diego, CA 92111** **619-571-8528; Fax: 619-571-8975**	This full-service foundry creates and fabricates custom bronze plaques; custom ornamental details in bronze and aluminum; bronze busts and profiles from photos.	Free Write in No. 5400						✔	✔								90%
Florentine Craftsmen **46-24 28th St., Dept. TB** **Long Island City, NY 11101** **718-937-7632; Fax: 718-937-9858**	Garden ornaments, fountains (freestanding and wall-mounted), statuary, furniture, and accessories in lead, aluminum, iron, stone, and bronze. Also, weathervanes. Some custom work.	Free Write in No. 4390		✔				✔			✔						50%
Gaby's Shoppe **1311 Dragon St., Dept. TB** **Dallas, TX 75207** **214-748-6644; Fax: 214-748-7701**	Hand-crafted wrought-iron furniture, tables, chairs, chandeliers, floor and table lamps, drapery hardware, stair rails, and fencing.	Free Write in No. 2520		✔												Wrought iron/steel	30%
Gruppo, Inc. **2835 Harriet Ave. So., Dept. TB** **Minneapolis, MN 55408** **612-449-8977; Fax: 612-449-8978**	Custom and historical castings (sand and lost wax) for interior and exterior application; hardware, grilles, plaques, and statues; architectural graphics; hardware custom tooled to fit modern locksets; prototype to production runs.	Free Write in No. 5840	✔	✔		✔	✔	✔	✔		✔		✔	✔			100%
Harrington & King Perforating Co. **P.O. Box 2248, Dept. TB** **Cleveland, TN 37320** **800-251-6026; Fax: 423-479-8694**	Manufactures decorative perforated steel, bronze, and aluminum in custom, as well as hundreds of standard designs for architectural applications; air-flow screens, grilles, radiator covers, registers, and lighting diffusers.	Free Write in No. 1020	✔							✔			✔			Wrought iron/steel, aluminum, bronze, brass, copper, exotic metals	95%
Heather & Little, Ltd. **36 Wagstaff Dr., Dept. TB** **Toronto, Ont., CANADA M4L 2R8** **800-450-0659; Fax: 416-465-2962**	Since 1925, specialist in restoration, reproduction, and design for: decorative sheetmetal, exterior facades, domes, steeples, traditional copper roofs and gutters.	Free Write in No. 2470													Sheetmeta l work		100%
Historical Arts & Casting, Inc. **5580 West Bagley Pk. Rd., Dept. TB** **West Jordan, UT 84088** **800-225-1414; Fax: 801-280-2493**	Designer and manufacturer of lighting, columns and capitals, cornices, railings, fences, newels, planters, finials, street furnishings, and fountains cast in bronze, aluminum, or iron. Restoration and custom work.	Free Write in No. 1210	✔	✔	✔	✔					✔		✔	✔		Aluminum, bronze, cast iron	100%
International Ironworks, Inc. **2713 Bonnie Beach Pl., Dept. TB** **Los Angeles, CA 90023** **213-262-9936; Fax: 213-262-9896**	Manufactures hand-forged, finely crafted iron lighting fixtures, furniture, and architectural appointments; work in residential and commercial installations.	Free Write in No. 318	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔		Wrought iron, steel, aluminum, bronze, brass, copper, exotic metals	50%
J-N-L Wrought Iron **N2575 Kunz Rd., Dept. TB** **Fort Atkinson, WI 53538** **920-563-5249; Fax: 920-563-9750**	Custom hand-forged wrought-iron fences, gates, railings; custom projects.	Free	✔	✔	✔	✔	✔							✔		Wrought iron/steel, aluminum, bronze, brass, copper, cast iron	100%
Jancik Arts International **1130 Briarcliff Rd., Ste. 5, Dept. TB** **Atlanta, GA 30306** **800-254-1593; Fax: 404-892-3887**	Custom, hand-forged entry gates, architectural sculpture, furniture, garden sculpture, and sculptured staircases in bronze, copper, aluminum, and steel.	Free Write in No. 264	✔	✔	✔			✔									75%
Jefferson Mack Metal, Inc. **2094 Oakdale Ave., Dept. TB** **San Francisco, CA 94124** **415-550-9328; Fax: 415-285-3365**	Hot-forged, hand-finished architectural metalwork: railings, grilles, gates, fences, sculpture, door hardware. Also, custom iron furniture, garden torches, chandeliers, more.	Free Write in No. 1079	✔	✔	✔	✔	✔	✔	✔								100%
Johnson Atelier **60 Ward Ave. Ext., Dept. TB** **Mercerville, NJ 08619** **609-890-7777; Fax: 609-890-1816**	Design consultation, pattern development, custom modeling, enlargements, moldmaking; lost-wax and sand casting for bronze, aluminum, and ductile iron. Fabrication in most metals. Restoration; delivery; installation.	Free Write in No. 7330	✔	✔	✔	✔					✔		✔	✔	Patterns, modeling, mold-making		100%
Kaviar Forge **147 Stevenson Ave., Dept. TB** **Louisville, KY 40206** **800-500-3890; Fax: 502-561-0377**	Forged-metal design and fabrication: lighting, gates, metal table bases, curtain rods, and sculpture. Has own line and does custom work; can quote from drawings.	Free	✔	✔	✔	✔	✔	✔	✔			✔				Wrought iron/steel, aluminum, bronze, brass, copper, cast iron	50%
Lake Shore Industries **P.O. Box 59, Dept. TB** **Erie, PA 16512** **800-458-0463; Fax: 814-453-4293**	Manufactures custom cast-aluminum signs and plaques. Specialist in street signs, town seals, historical markers, and custom work.	Free Write in No. 8730							✔		✔					Aluminum	100%
Lawler Foundry Corp. **P.O. Box 320069, Dept. TB** **Birmingham, AL 35232** **205-595-0596; Fax: 205-595-0599**	Offers 1,200 ornamental metal components for fences and gates, mainly in Victorian styles, newel posts; continuous designs and artistic steel forgings. Fabricator will design, fabricate, install.	Free brochure, catalog $10 Write in No. 271		✔					✔	✔	✔		✔				Wrought iron, aluminum, cast iron, brass, bronze	10%
Lawrence Metal Products **P.O. Box 400-M, Dept. TB** **Bay Shore, NY 11706** **800-441-0019; Fax: 516-666-0336**	Manufacturer of crowd-control products and lobby accessories. Also, custom fabrication of brass, chrome, and stainless bar railings and bar accessories.	Free Write in No. 338	✔						✔						Bar accessories	Brass, chrome, stainless steel	75%
LepoWorks, Inc. **4640 Allentown Rd., Dept. TB** **Lima, OH 45807** **419-339-5370; Fax: 419-339-2787**	Designs private, public, and corporate art; interior and exterior works in a multitude of materials, including metal and wood; wood-carving services.	Free Write in No. 1034						✔						✔		Aluminum, bronze, copper	100%
Liberty Brass Turning Co. **38-01 Queens Blvd., Dept. TB** **Long Island City, NY 11101** **718-784-2911; Fax: 718-784-2038**	Thousands of solid-brass and -aluminum turned-metal parts: lamp finials, couplings, spacers, balls, check rings, furniture, and display fittings. Custom parts; large and small orders.	Free Write in No. 8440		✔	✔		✔								Screw machine products	Brass	30%
Liberty Ornamental Products **872 E. Trevitt St., Dept. TB** **Bryan, OH 43506** **800-636-5470; Fax: 419-636-2365**	Wide range of ball tops, caps, spears, shoes, etc., for fabricating fences, gates, and other ornamental metal assemblies. Parts in sizes from 1/4 to 3 in., in #3 zinc with a non-rusting pewter finish.	Free Write in No. 5340														Caps, tops, and parts	10%
Lortz Manufacturing **3397 Edison Hwy., Dept. TB** **Bakersfield, CA 93307** **805-366-5566; Fax: 805-366-4955**	Steel fabrication, welding, and machining.	Free	✔		✔												1%



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TRADITIONAL BUILDING's ORNAMENTAL METALWORK *SourceList*

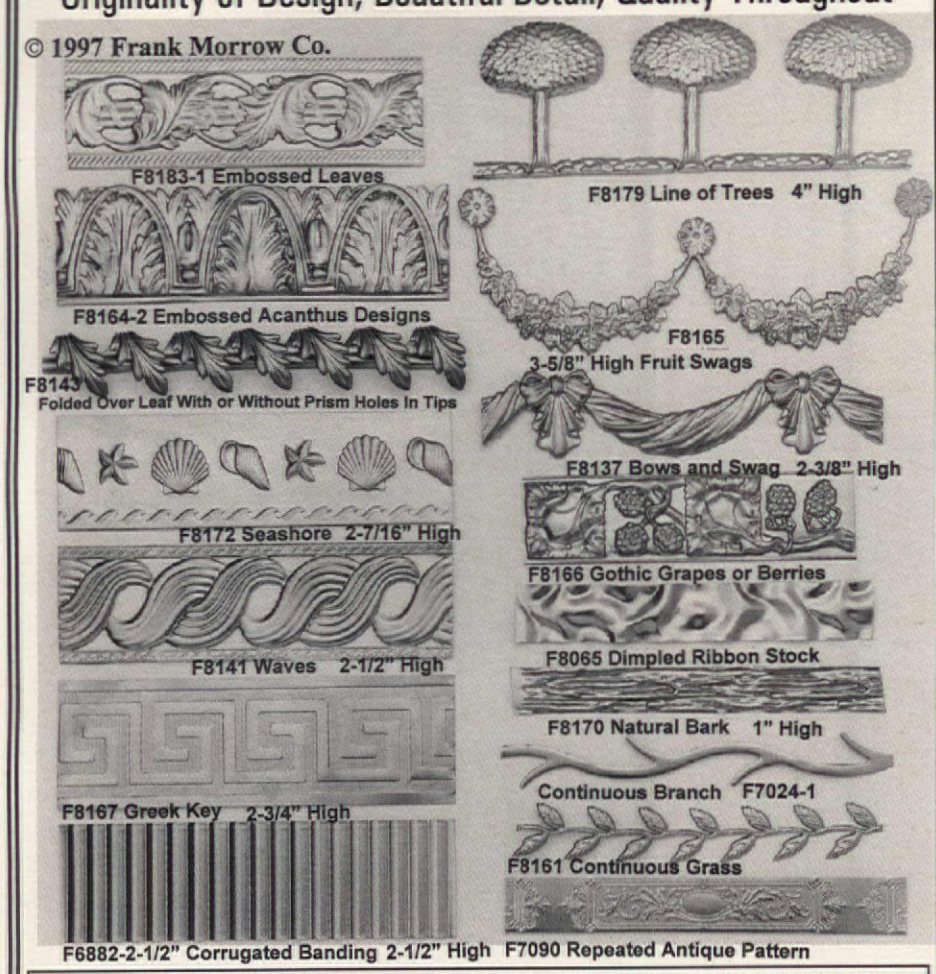
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COMPANY	SPECIALTY	Literature	TYPE OF ORNAMENTAL METALWORK													Materials	% Custom
			Gates/Railings	Furniture	Stairs	Lighting	Hardware	Sculpture	Signage/Plaques	Stamped Metal Ornament	Cast Ornament	Wrought Ornament	Registers & Grilles	Patinating	Other		
Lundy's Fence & Ornamental Iron 77 Main St., Dept. TB Wenham, MA 01984 800-468-6040; Fax: 978-468-1280	Manufacturer and designer of fencing, railings, gates, furniture, solid-iron rods, and drapery accessories; staff includes blacksmiths and designers. Several collections in various periods and styles.	Free	✔	✔												Wrought iron/steel, bronze, brass, copper, cast iron	99%
McKey Perforating Co., Inc. 3033 S. 166th St., Dept. TB New Berlin, WI 53151 800-345-7373; Fax: 414-786-7673	Company perforates metal and plastic, and fabricates metal for numerous applications, including panels, dividers, grilles, and lighting covers.	Free													Perforated metal for fabrication		5%
McNichols Co. P.O. Box 30300, Dept. TB Tampa, FL 33630 800-237-3820; Fax: 813-289-7884	Nationwide centers distribute all types of perforated or expanded metals, wire cloth, bar grating, and safety gratings and floorings.	Free	✔		✔								✔		Perforated and expanded metals	Wrought iron/steel, aluminum	10%
Mison Concepts, Inc. 121 East Second St., Dept. TB Mineola, NY 11501 516-739-0040; Fax: 516-248-4361	Custom architectural metal fabricator, traditional and contemporary; stairs, railings, furniture, facades, showrooms, marquees. Design, detailing, and specialty finishes.	Free Write in No. 2740	✔	✔	✔												100%
Modern Art Foundry 18-70 41st St., Dept. TB Astoria, NY 11105 718-728-2030; Fax: 718-267-0819	Art foundry with over 60 years' experience producing lost-wax and sand castings; non-ferrous materials. Private/public, moldmaking, retouching, casting, finishing, mounting, enlargements, restoration, and maintenance.	Free Write in No. 1810						✔	✔					✔			100%
Moldmaking & Design, Inc. 117 S. Cook St., #215, Dept. TB Barrington, IL 60010 847-277-0889; Fax: 847-277-0901	Sculptural studio makes molds and castings for architectural restoration (including on-site work), sculptural fabrication, concept prototyping. Castings done in urethane resins, metals, faux metal, faux stone, and other materials.	Free Write in No. 7270						✔					✔		Mold-making		100%
Monarch Radiator Enclosures 2744 Arkansas Dr., Dept. TB Brooklyn, NY 11234 201-796-4117; Fax: 201-796-7717	Over twenty styles of all-steel radiator enclosures; stock and custom sizes; many color options, including wood grain. Corporate boardrooms a specialty, as well as offices, churches, institutions, and homes. Baked-enamel finish; grille front.	Free Write in No. 6060													Radiator enclosures	Wrought iron/steel	80%
Monumental Iron Works 6500 Eastern Ave., Dept. TB Baltimore, MD 21224 410-633-6500; Fax: 410-633-6506	100-year-old fence manufacturer uses traditional techniques and patterns; stocks components and assembles to order. Carries pickets as well as ornamental panels and gates. Modular designs.	Free Write in No. 6910	✔													Wrought iron/steel	10%
Frank Morrow Company 129 Baker St., Dept. TB Providence, RI 02905 800-556-7688; Fax: 401-941-3810	Grey-iron castings, stamped decorative metal ornament and trim, available through distributors.	Free Write in No. 1220								✔							10%
Mueller Ornamental Iron Works, Inc. 655 Lively Blvd., Dept. TB Elk Grove Village, IL 60007 847-758-9941; Fax: 847-758-9945	Custom, hand-forged, highly decorative ornamental metalwork in iron, brass, bronze, and any other ductile material; interior and exterior applications.	Free	✔	✔	✔		✔			✔	✔	✔				Wrought iron/steel, aluminum, bronze, brass, cast iron	90%
Nationwide Architectural Metals 412 Trimmer Rd., Dept. TB Califon, NJ 07830 800-851-5053; Fax: 908-832-9116	Non-ferrous and architectural metals polished to specifications; one-stop metal polishing.	Free														Stainless steel, copper, brass, bronze, aluminum	99%
New Blue Moon Studio P.O. Box 579, Dept. TB Leavenworth, WA 98826 509-548-4754; Fax: 509-548-4602	Hand-forged lighting in iron, copper, and brass; Art Nouveau, Art Deco, and Southwestern designs, stock and custom, are specialties.	Free Write in No. 3900				✔											50%
NOMMA - Nat'l. Ornamental & Misc. Metals Assn. 804 Main St., Ste. E, Dept. TB Forest Park, GA 30050 404-363-4009; Fax: 404-366-1852	Major trade association of 800 metal fabricators with goal of improving levels of professional excellence in metalwork. They will provide a list of NOMMA members in your area if you are seeking a qualified fabricator.	Free Write in No. 5170													Technical infor-mation		N/A
Old World Iron 11128 N. Stemmons Fwy., Dept. TB Dallas, TX 75229 972-484-9926; Fax: 972-484-9758	Custom, hand-forged, hand-hammered wrought iron fixtures and furnishings. Gates, stairs, grilles, balcony rails, decorative accents, and more.	Free Write in No. 332	✔	✔	✔				✔	✔	✔	✔					100%
Ornamental Metal Institute of N.Y. 211 E. 43rd St., Dept. TB New York, NY 10017 212-697-5553; Fax: 212-818-0976	Consultations, literature, and seminars on the design and use of architectural and ornamental metals to construction professionals; associated services provided free of charge.	Free Write in No. 5430													Technical infor-mation		N/A
Overseas Supply, Inc. 1289 N. Post Oak Rd., #160, Dept. TB Houston, TX 77055 713-290-9885; Fax: 713-290-0944	Wholesale ornamental iron parts; cast-iron spears, locks, springs, latches; stamped steel parts.	Free	✔		✔		✔			✔						Wrought iron/steel, cast iron	0%
Premier Brass 255 Ottley Dr. NE, Dept. TB Atlanta, GA 30324 800-251-5800; Fax: 404-873-9993	Custom brass railings, food guards, glass racks, ornamental trim, and hardware; chrome and copper plating; 300 powder coat colors.	Free	✔		✔		✔		✔		✔	✔	✔			Brass	80%
Prismatic Stainless Steel 201 South 31 St., Dept. TB Kenilworth, NJ 07033 908-241-5640; Fax: 908-241-5061	Manufactures colored stainless steel and distributes Deco-rolled embossed stainless steel and ti-gold stainless steel to fabricators and the elevator industry.	Free Write in No. 7350													Deco-rolled and other types of steel	Aluminum, stainless steel	100%
Reggio Register Co. P.O. Box 511, Dept. TB Ayer, MA 01432 508-772-3493; Fax: 508-772-5513	Manufactures (and stocks) a complete line of traditionally designed, decorative cast-metal grilles and registers in over 200 sizes and designs. Will also make custom castings.	Free Write in No. 5810											✔				2%
Schiff Architectural Detail 120 Eastern Ave., Dept. TB Chelsea, MA 02150 617-887-0202; Fax: 617-887-0127	Foundry, forge, and fabrication shop offers custom castings, non-ferrous forge work, and fabrication; machine-shop service, rubber molding, and pattern work. Historic restoration and refurbishment.	Free Write in No. 7730	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	Balls, caps, rails	Stainless steel, bronze, copper, aluminum, iron	100%
Sperry Blacksmiths 13 Vista Ave., Dept. TB Thurmont, MD 21788 301-271-7038; Fax: No fax	Artisan hand-forges a wide range of products, from nails to enormous gates.	Free	✔	✔		✔	✔						✔			Wrought iron/steel	80%
Stair-Rail Systems, Inc. P.O. Box 4277, Dept. TB Metuchen, NJ 08840 732-548-6630; Fax: 732-548-6885	Custom fabricator and erector of railings and other architectural metalwork.	Free Write in No. 315	✔		✔			✔					✔			Wrought iron/steel, aluminum, bronze, brass, stainless steel	100%
Steptoe & Wife Antiques, Ltd. 322 Geary Ave., Dept. TB Toronto, Ont., CANADA M6H 2C7 800-461-0060; Fax: 416-530-4666	Victorian-style cast-iron straight and spiral staircases and railings, shipped knocked down to jobsite; finials; custom components; railings and gates to order; brass, bronze, aluminum, stainless.	Free Write in No. 470	✔		✔		✔			✔	✔	✔	✔	✔		Wrought iron/steel, aluminum, bronze, brass, copper, cast iron	50%

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CSI# 05700

COMPILED BY LAURA R. ALLEN

COMPANY	SPECIALTY	Literature	TYPE OF ORNAMENTAL METALWORK													Materials	% Custom
			Gates/Railings	Furniture	Stairs	Lighting	Hardware	Sculpture	Signage/Plaques	Stamped Metal Ornament	Cast Ornament	Wrought Ornament	Registers & Grilles	Patinating	Other		
Sun Valley Bronze P.O. Box 3475, Dept. TB Hailey, ID 83333 208-788-3631; Fax: 208-788-1306	Manufacturer of premium-quality bronze decorative hardware; specialist in door, cabinet, bathroom, and kitchen hardware, made to order.	Free Write in No. 136					✔										100%
Sur-Fin Chemical Corp. 1530 Spence St., Dept. TB Los Angeles, CA 90023 213-262-8108; Fax: 213-264-7734	Wide range of patinas for copper, brass, bronze, steel, iron, pewter, solder, and aluminum. Also, exterior/interior lacquers for metals.	Free Write in No. 5620												✔			N/A
Tate Ornamental 411 Industrial Dr., Dept. TB White House, TN 37188 615-672-0348; Fax: 615-672-2437	Custom fabricators of ornamental metal products, including handrails, monumental and spiral stairs, light fixtures, furniture, column covers and cladding.	Free	✔	✔	✔	✔			✔			✔	✔			Wrought iron/steel, aluminum, bronze, brass, copper, cast iron, stainless steel	100%
Tennessee Fabricating Co. 2025 York Ave., Dept. TB Memphis, TN 38104 901-725-1548; Fax: 901-725-5954	Supplier of ornamental cast-iron, -brass, and -aluminum architectural parts for rails, columns, fences, gates, foundation vents, furniture, and grillework.	Free Write in No. 5180					✔			✔	✔	✔	✔			Wrought iron/steel, aluminum, bronze, cast iron	1%
Thomas Studio Inc., Jim 10809 Crestview Dr., Dept. TB Jonestown, TX 78645 512-267-0051; Fax: 512-267-7451	Studio makes commissioned figurative and abstract cast-bronze or stone sculpture. Also, architectural and restoration castings and fabrications in bronze, aluminum, and composites. Custom-forged steel designs in gates and ironwork.	Free	✔					✔			✔					Wrought iron/steel, bronze	100%
Triebenbacher Bavarian Iron Works 619 Pennbrook Ave., Dept. TB Lansdale, PA 19446 800-522-4766; Fax: 888-699-9666	Importer of ornamental iron components from Bavaria; can build gates and fences from drawings; CAD design service, patination; master catalog for the trade available, showing more than 2,000 parts.	Free	✔		✔										Ornamental components		20%
V.I.W., Inc. 3203 Ash Ln., Dept. TB Dallas, TX 75226 800-743-5610; Fax: 214-421-1619	Steel forging and wrought-iron custom gates and interior and exterior furniture; craftsmanship and design of elements including benches, fencing, and other ornamental metalwork.	Free Write in No. 244	✔	✔	✔			✔	✔			✔	✔	✔	Retail displays	Wrought iron/steel, copper	60%
Vulcan Supply Corp. P.O. Box 100, Dept. TB Westford, VT 05494 802-878-4103; Fax: 802-878-4103	Specialist in replication of historic architectural sheetmetal ornamentation; custom and stock finials, weathervanes, cornice, vented ridge cresting, leader boxes, cupolas, roof vents, more; all periods and styles.	Free Write in No. 7212		✔		✔		✔								Copper/lead-coated copper, zinc	85%
W.F. Norman Corp. P.O. Box 323, Dept. TB Nevada, MO 64772 800-641-4038; Fax: 417-667-2708	Major fabricator of sheetmetal ornament; hundreds of stock designs of cornices, moldings, brackets, pressed-metal ceilings, etc.; duplication from samples or drawings.	Free Write in No. 520								✔						All sheetmetal	2%
Wainlands Inc. 453 West 17th St., Dept. TB New York, NY 10011 212-243-7717; Fax: 212-243-7722	Custom metal fabricators: metal registers and grilles, both punched and linear; standard and custom designs. Drapery, door, and bath hardware. Handrails, light fixtures, furniture, cladding, etageres, and more.	Free Write in No. 295	✔	✔	✔	✔	✔		✔		✔	✔	✔	✔	Restoration, repair	Bronze, wrought iron, aluminum, stainless steel, cast iron	90%

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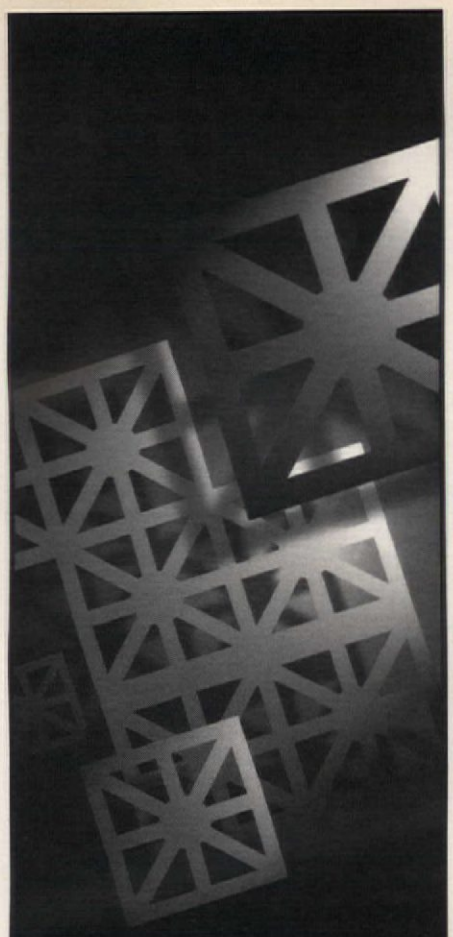
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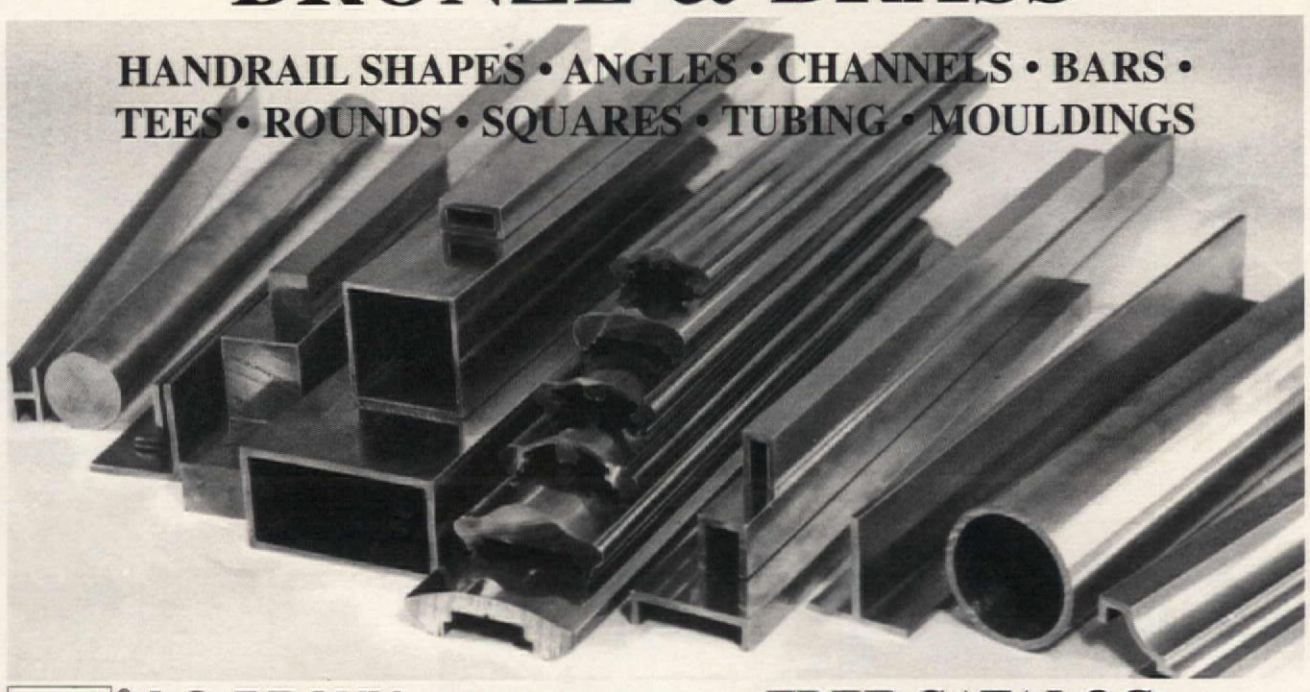
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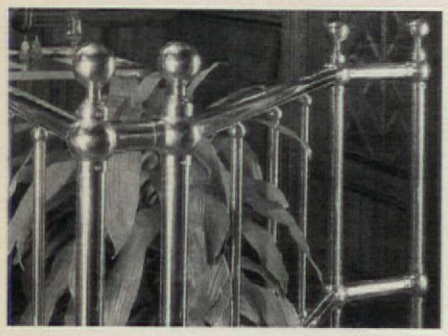
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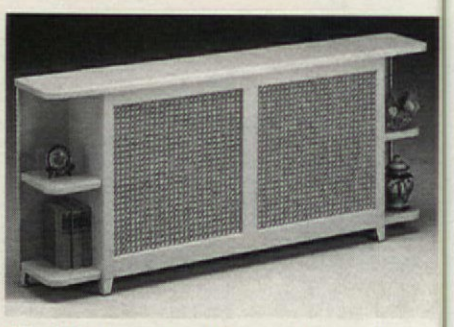
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ORNAMENTAL METALWORK PORTFOLIO

For more information on these companies, consult the SourceList on pp. 68-74.



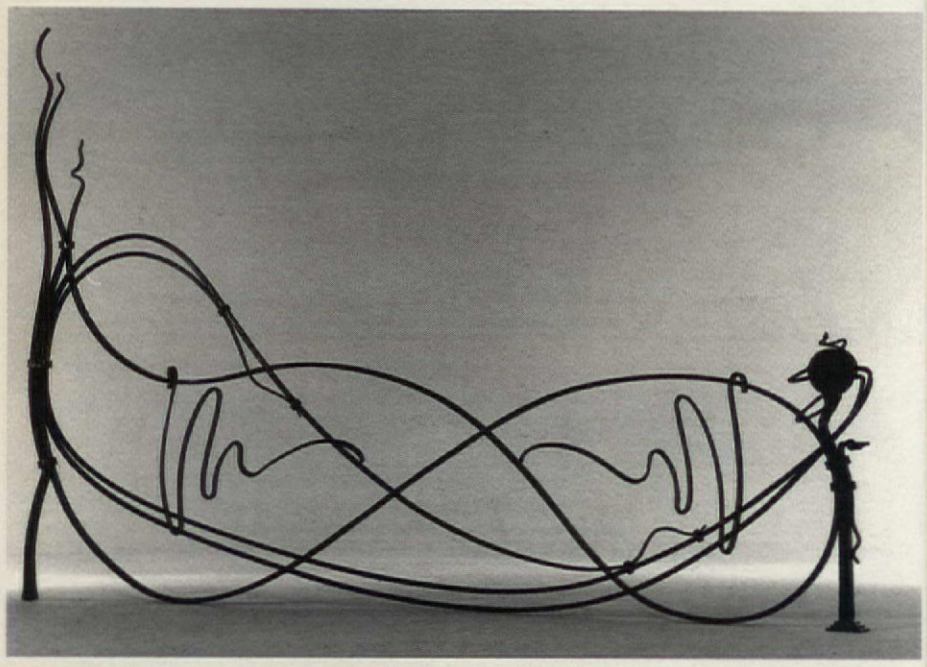
Brass tubing and rail accessories from J.G. BRAUN is available in diameters of 1, 1-1/2, 2, and 3 in., and is a useful and ornamental addition to restaurants and pubs. *Write in No. 1390*



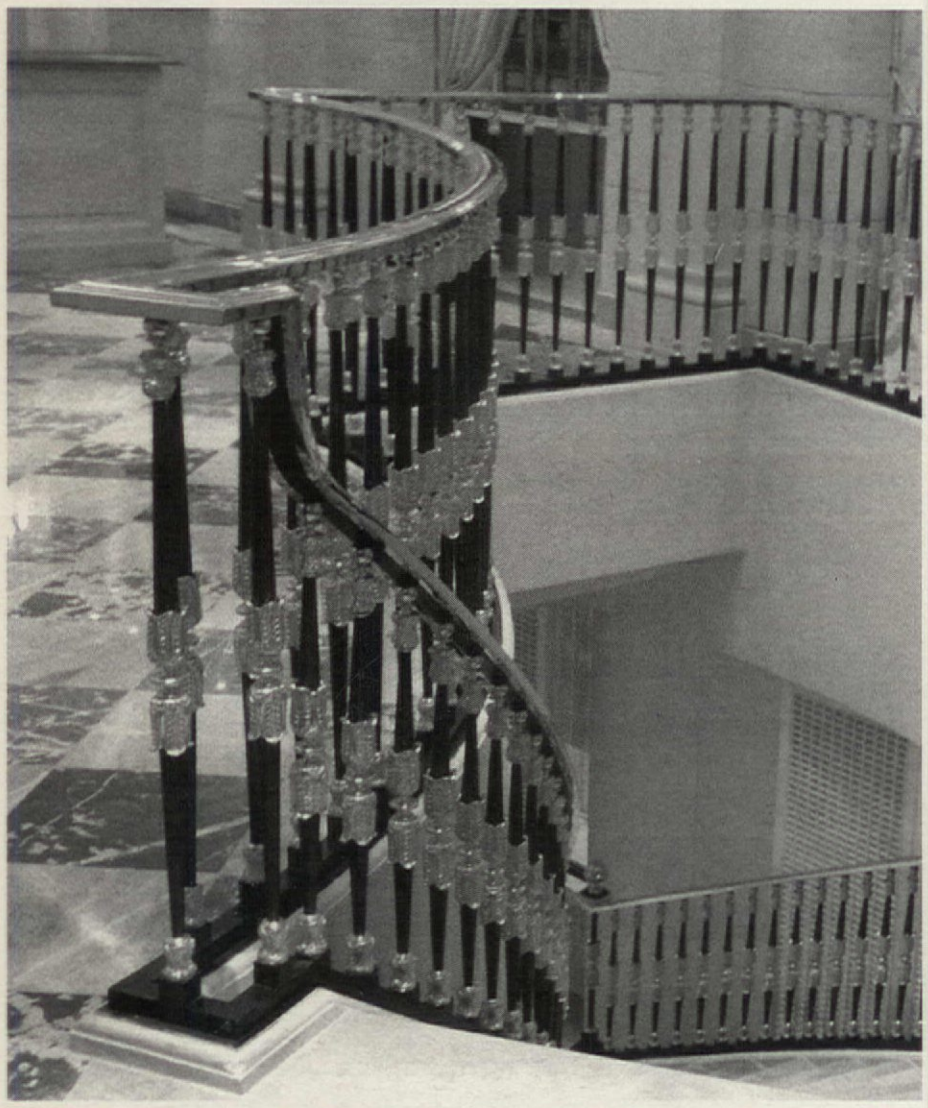
The "Kradenza" radiator enclosure from MONARCH RADIATOR COVERS can be custom made to the dimensions you specify (just be sure to add 8 in. in length to each end for the unit's shelves). *Write in No. 6060*



A hand-rubbed, soft black finish, along with antiqued-bronze highlights, were given to the iron scrolls and leaves in this railing by FINE ARCHITECTURAL METALSMITHS.



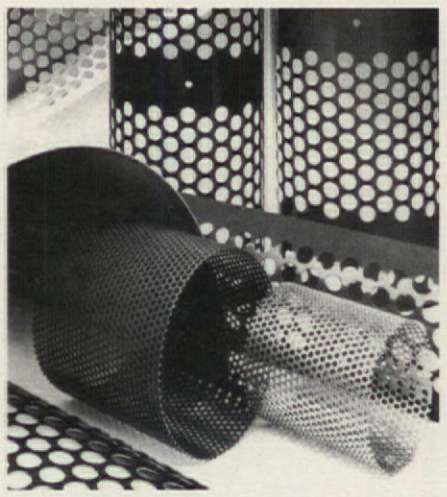
This hand-forged screen from JEFFERSON MACK METAL showcases the company's skill at executing free-form organic shapes in delicate wrought-iron tracery. *Write in No. 1079*



The Credit Lyonnaise Bank of New York's custom-fabricated stairway was created by MISON CONCEPTS in bronze and steel, with gold-gilt details. *Write in No. 2740*



Wind-blowing spirits, lion heads, and winged cherubs are just some of the bevy of ornamental stamped metalwork available from FRANK MORROW. *Write in No. 1220*

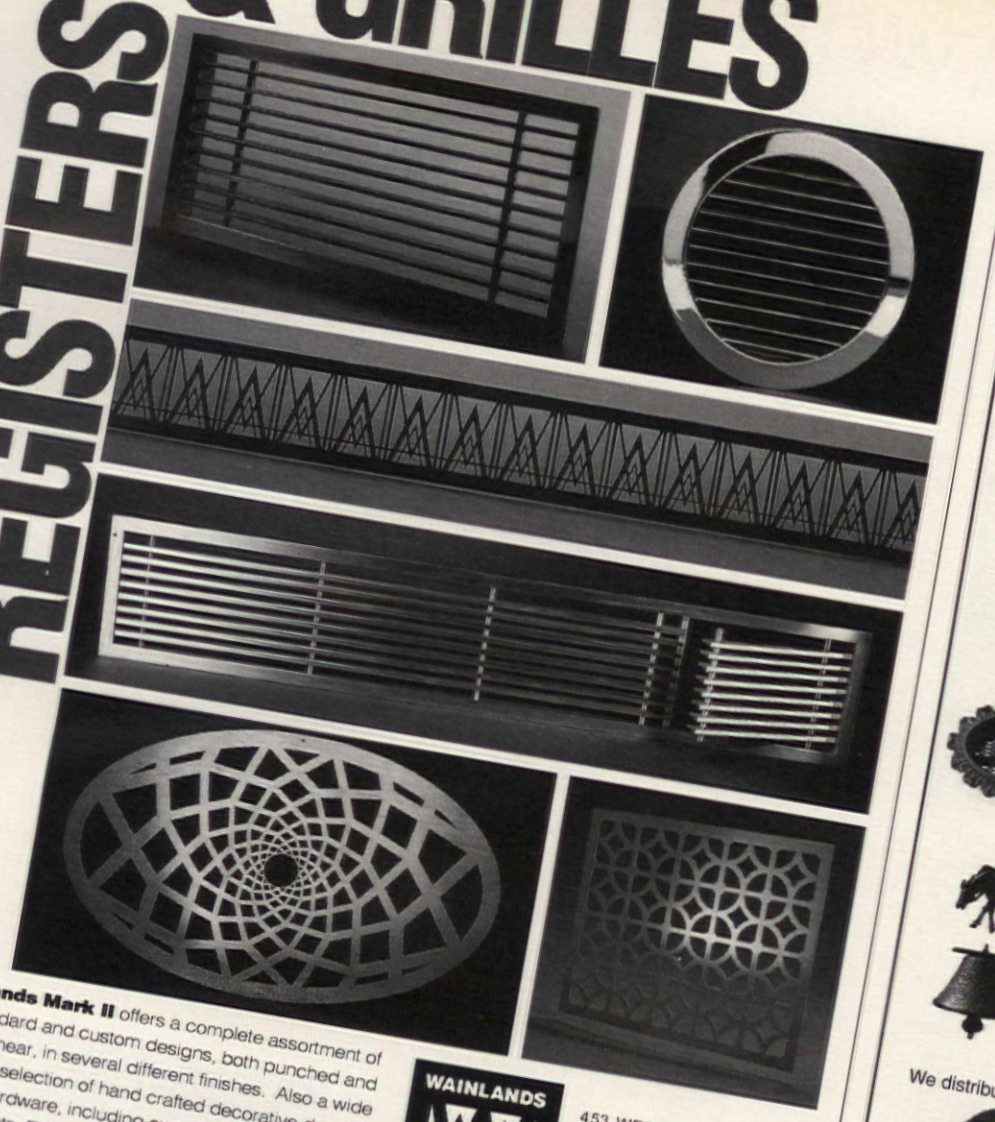


Literally hundreds of perforated-metal patterns are available from HARRINGTON & KING; the company can also execute your own custom designs. *Write in No. 1020*



The Coronado line of finials from LIBERTY BRASS TURNING CO. includes these three items, from left to right: the "Pulley," measuring 1-3/4 in. x 3 in.; the "Eiffel," 1-3/8 in. x 2-1/2 in.; and the "Empire," 1 in. x 1-13/32 in. *Write in No. 8440*

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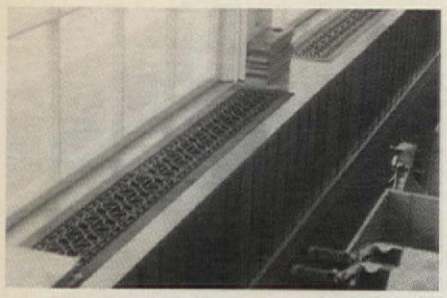
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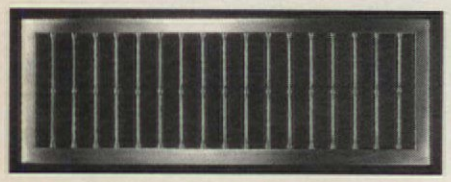
WRITE IN NO. 8440

ORNAMENTAL METALWORK PORTFOLIO

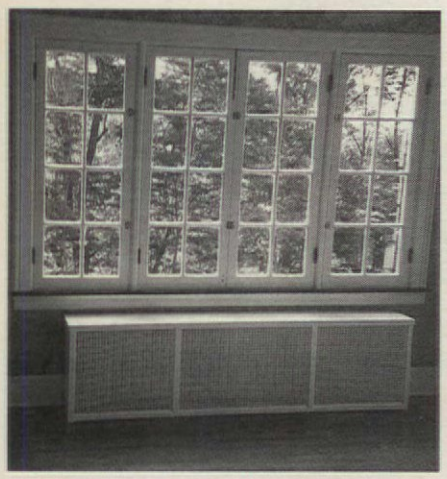
For more information on these companies, consult the SourceList on pp. 68-74.



Decorative grilles from REGGIO REGISTER enclose the radiators in this wine store. *Write in No. 5810*



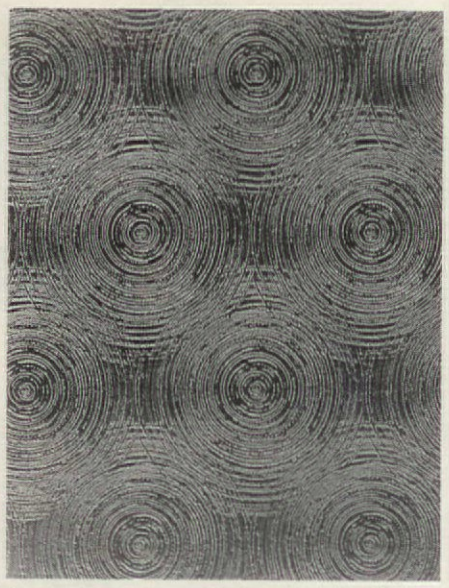
Delicate contrasting knobs decorate this register from WAINLANDS, where punched and linear metal registers and grilles of all sizes are available. *Write in No. 295*



ARSCO MFG. CO. sells radiator enclosures and baseboard covers in steel. *Write in No. 8610*



Creating invisible metal wall mounts for this Egyptian head fragment at the Brooklyn Museum was a major technical challenge — solved by CRAWFORD METALWORK. The solution: establishing a reference plane near back of fragment to which templates for 4 "hooks" could be related. Reference plane and templates were taken to the shop, where hooks were forged to the contours; hooks were tapered at the ends to reduce visibility.



Among the Deco rolled surface finishes available from PRISMATIC STAINLESS STEEL is #15, pictured here, which can also be further processed by electropolishing and electrochemical coloring. *Write in No. 7370*



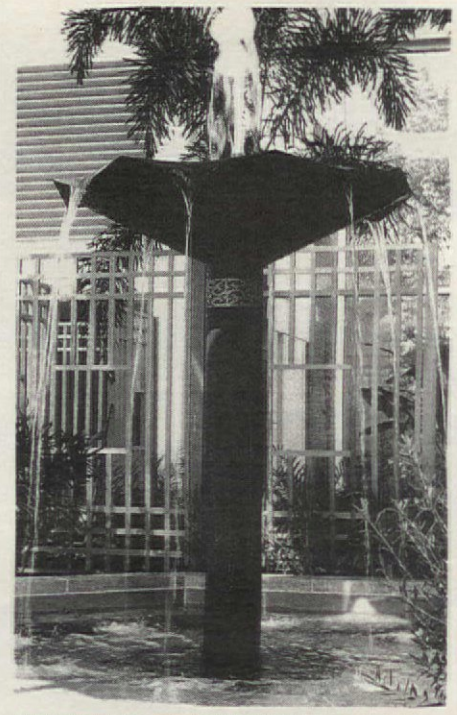
Tear yourself away from the gaming tables at the Taj Mahal Casino in Atlantic City, N.J., and you'll see such fine design elements as this winding staircase from STAIR-RAIL SYSTEMS, INC. *Write in No. 315*



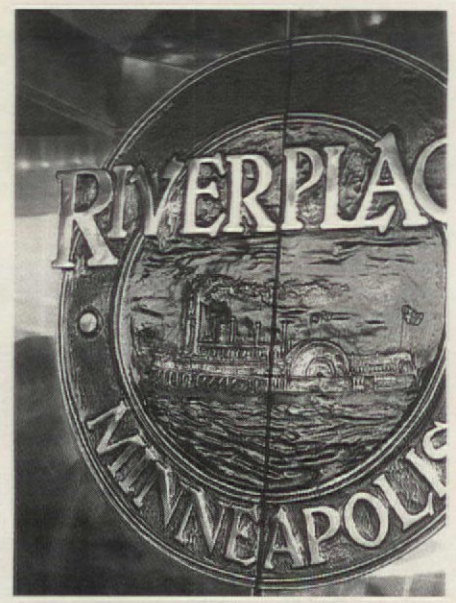
HEATHER & LITTLE's sheetmetal capital #1100 measures 10 in. high x 11-1/2 in. in dia. *Write in No. 2470*



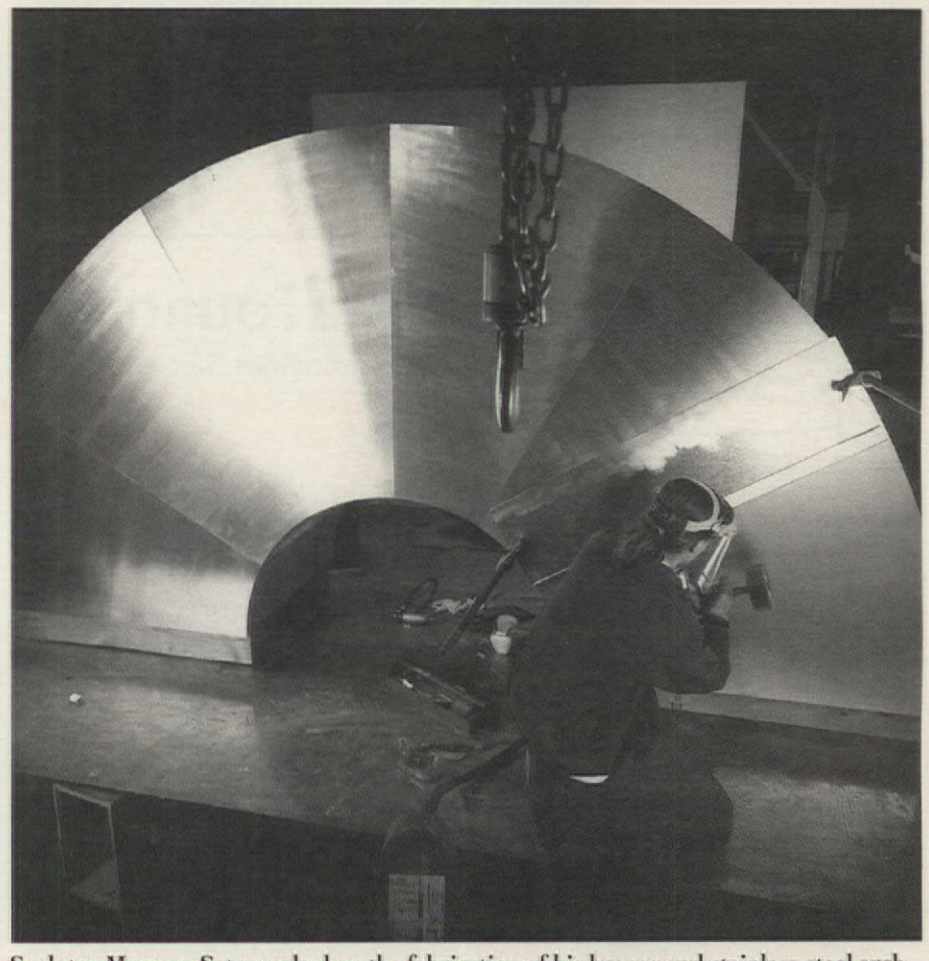
TENNESSEE FABRICATING CO. duplicated the original cornstalk casting from a famous New Orleans inn to provide this attractive ornamental railing or screening. Cast in two sections, the complete section measures 15 in. wide x 54 in. high, and weighs 45 lbs. *Write in No. 5180*



SCHIFF ARCHITECTURAL DETAIL made this impressive fountain for the Huntington Museum of Fine Art in Huntington, W.V. Designed in fabricated brass and bronze, the fountain stands 8 ft. tall and has a bowl 6 ft. in diameter. *Write in No. 7730*



A steamboat cruises along a two-piece bronze ornament custom cast by GRUPPO, INC., that splits in the middle, opening onto an elevator at Riverplace in Minneapolis, Minn. *Write in No. 5840*



Sculptor Mamoro Sato worked on the fabrication of his bronze and stainless-steel arch at JOHNSON ATELIER. The piece was made for the city of Honolulu. *Write in No. 7330*

Instant Access to Product Literature for ORNAMENTAL METALWORK

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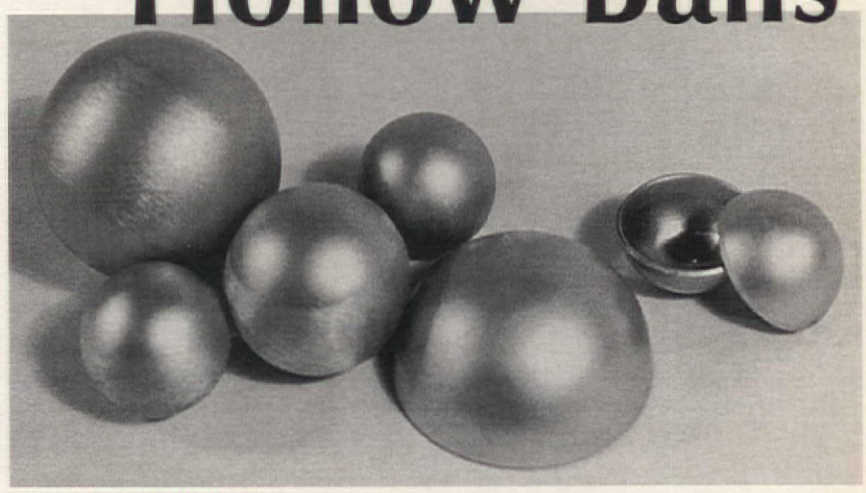
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Monday thru Friday, January 12-16, 1998

Patina Processes & Materials, *2 days*
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Making a Rubber Mold, *5 days*
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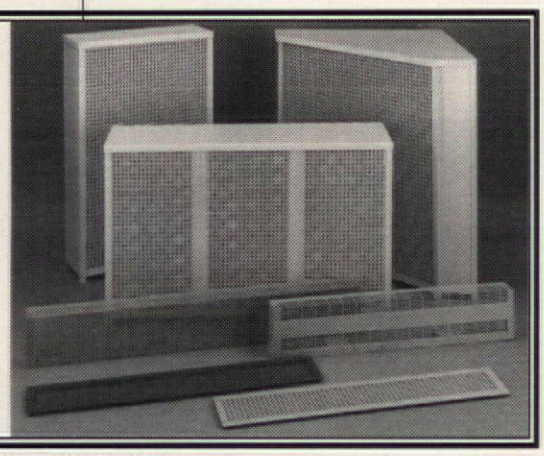
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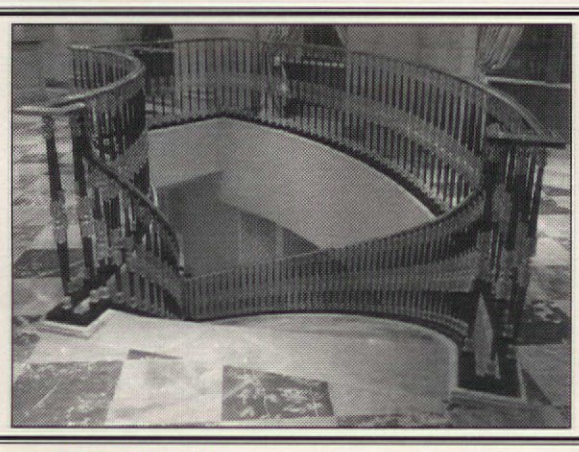
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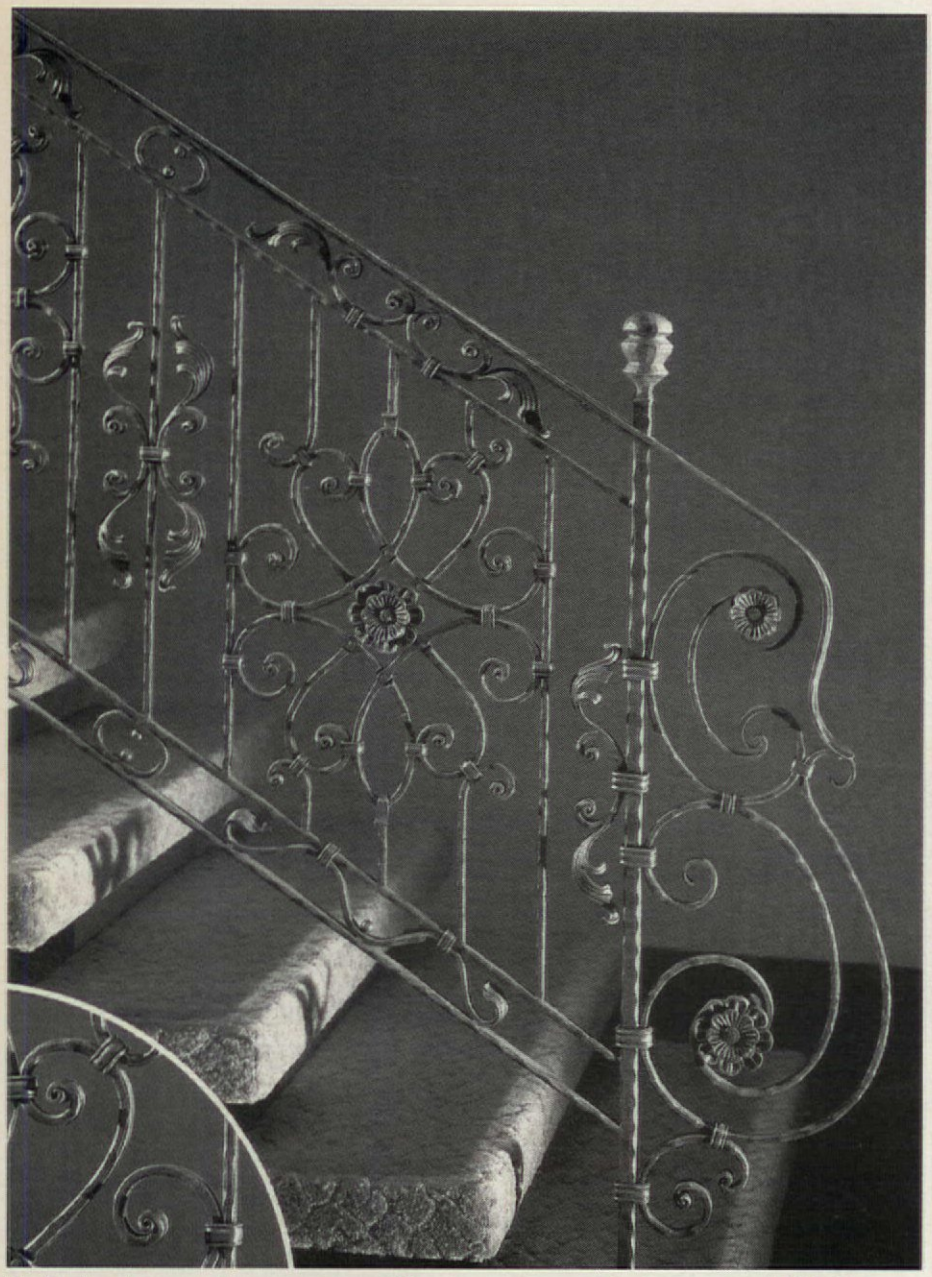
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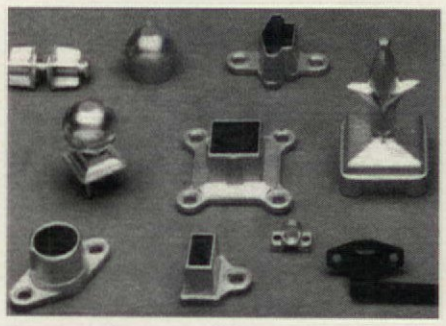
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Ornamental Metalwork Portfolio

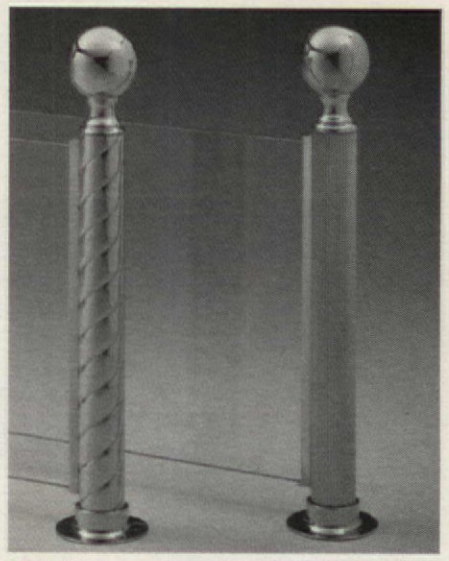
For more information on these companies, consult the SourceList on pp. 68-74.



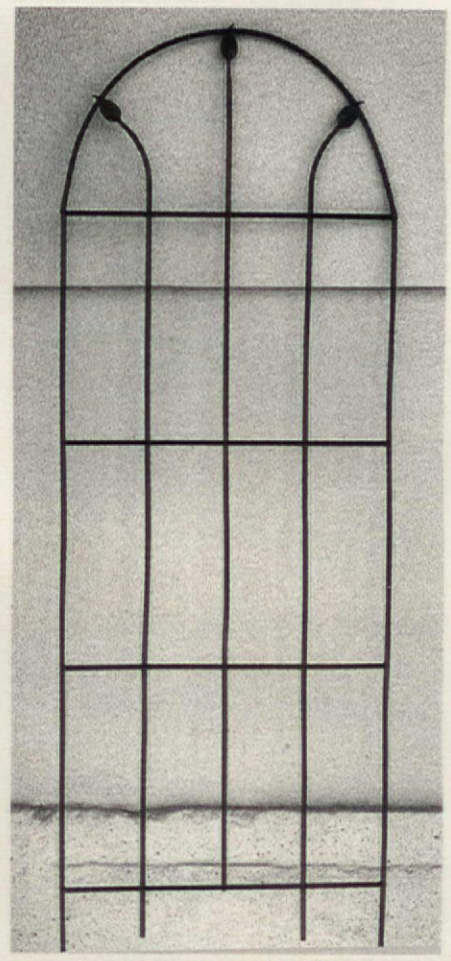
Twisted and stamped components and larger component elements are available for use as stair railings, balustrades, and decorative metal partitions, from TRIEBENBACHER BAVARIAN IRON WORKS.



You can't fit a round bar in a square hole, but with metal sleeves from LIBERTY ORNAMENTAL PRODUCTS, available in a range of shapes and sizes, finding the right size for stock tube and bar components is made easy. *Write in No. 5340*



Partition posts from LAWRENCE METAL PRODUCTS are used with panels of plexiglass as noise-reduction barriers. Shown here are posts in a reed style (left), Model 260, and rope style, Model 265. Each has a 2-in.-diameter ball top and a 4-in.-diameter flange base. *Write in No. 338*



Forged trellis work, such as this element from NEW BLUE MOON, is often used for railings and room dividers. The company works in hand-forged iron, copper, and brass. *Write in No. 3900*



BRUMDER ORNAMENTAL IRON's hand-forged grapes and spriraling iron vines created space for more than 80 cases of wine in this rack for the La Buca restaurant in San Antonio, Tex. *Write in No. 1860*



OLD WORLD IRON makes custom, hand-forged wrought iron for fences, gateways, balcony rails, grilles — and for first-class stairway railings, such as the elegant example seen here. *Write in No. 332*

SourceList 81-82
Portfolio 84

Signing Up For A Corporate Identity

Signs not only identify a site, but their styling provides an identity, as well. Imagine the strip in Las Vegas without its neon lights, or the New York subway stations without their ceramic markers. Signs for commercial sites created by the companies on the Plaques and Signs *SourceList* offer the same range of technique, materials, and commercial connotations.

A carved-wood sign immediately lends a historic flavor, in the tradition of "hanging a shingle." It's often popular with proprietors of mom-and-pop stores, taverns and saloons, and inns. Paul Musgrove is one such signmaker who designs and crafts historically styled carved-wood signage.

Gold leaf painted on glass, as typified by the work of Chicagold, suggests an elegance and exclusivity for the commercial establishment, such as jewelers, professional offices, and high-end restaurants.

Rustic flair is the specialty of J. Dub's, makers of carved-metal signs, many of which are designed for parks and developments.

Permanence and propriety are suggested by cast-metal plaques. A number of companies on the *SourceList*, such as Healy Brothers, Lake Shore Industries, and Smith-Cornell — make cast-bronze and -aluminum signage that incorporates bas relief and photo-etched images.

Ceramic tile has been long recognized as a good material for the wear-and-tear of high traffic, especially in areas like rail and subway terminals. Terra Designs specializes in tile signage for commercial settings, while Architectural Address provides outdoor ceramic street-address markers for the residential market.

To assemble the Plaques and Signage *SourceList*, the Editors surveyed 158 plaque and sign manufacturers in our database. From their responses, we selected the 36 you'll find on pp. 81-82, which represent a good cross-section of carved wood, cast-metal, mosaic, and gold-leaf signmakers. — *LRA*

TRADITIONAL BUILDING's PLAQUES & SIGNAGE *SourceList*

CSI # 10440

COMPILED BY LAURA R. ALLEN

COMPANY	SPECIALTY	Literature	TYPES OF PLAQUES & SIGNS: Cast-Metal	Engraved Metal	Carved Wood	Historic Store Signage	Architectural Signage	Lobby Directories	Signs for Parks/Developments	ADA Signage	Other
A.R.K. Ramos **1321 South Walker, Dept. TB** **Oklahoma City, OK 73109** **405-235-5505; Fax: 405-232-8516**	Cast-aluminum, -brass, and -bronze plaques and letters. Also, a full line of interior and exterior ADA signage systems.	Free	✖	✖		✖	✖		✖	✖	Cast letters
Accurate Castings, Inc. **3737 NW 43 St., Dept. TB** **Miami, FL 33142** **800-831-0152; Fax: 305-638-1391**	Source of custom cast-bronze and -aluminum plaques for buildings, parks, and gates; bas-relief portrait plaques. Rush service available.	Free Write in No. 177	✖			✖	✖		✖		Letters, medallions, logos, custom items
All-Craft Wellman Products, Inc. **4849 E. 345th St., Dept. TB** **Willoughby, OH 44094** **440-946-9646; Fax: 440-946-9648**	Cast-bronze or -aluminum plaques in standard or custom designs, bas-relief portrait plaques.	Free Write in No. 760	✖	✖		✖	✖		✖		Bas-relief plaques
Architectural Arts Foundry, Inc. **1011 Old River Rd., Dept. TB** **Cleveland, OH 44113** **216-241-5446; No fax**	Custom manufacturers of bronze and aluminum plaques, graphics, and sculpture for the architectural community.	Free	✖	✖		✖	✖		✖		
Best Sign Systems **1202 North Park Ave., Dept. TB** **Montrose, CO 81401** **800-235-2378; Fax: 970-249-0223**	Architectural and landscape signage that is ADA-compliant. "Graphic Blast" process can carve into stone, wood, tile, and most manmade materials.	Free	✖	✖	✖		✖		✖	✖	
Champion Ornamental Castings, Inc. **1621 East 41 St., Dept. TB** **Cleveland, OH 44103** **800-942-8767; Fax: 216-431-6204**	Bronze and aluminum signage and plaques. Manufactured by standard specifications or from your custom art and design.	Free	✖			✖	✖		✖		
Chicagold **3791 South Archer, Dept. TB** **Chicago, IL 60632** **773-523-5080; Fax: 773-523-5266**	Gilding on glass, glass signage (reverse painted), glue chipping and etching on glass. Also, surface gilding on stone, metal, and wood.	Free Write in No. 1510				✖	✖				Gilded signs on glass, reverse painting
Custom Home Accessories **8550 Madison Ave., Dept. TB** **Fair Oaks, CA 95628** **800-265-0041; Fax: 916-961-9707**	Source for such custom accessories as mailboxes (home and commercial), weathervanes in copper or aluminum, and address plaques in aluminum, bronze, or porcelain. Also historic markers and lamp posts.	Free	✖				✖		✖		Golf-course markers, address plaques
Designer Sign Systems **352 Washington Ave., Dept. TB** **Carlstadt, NJ 07072** **201-939-5577; Fax: 201-939-7043**	Architectural-identity consultant; provides signage design, scheduling, fabrication, and installation project management; projects have included signage for Mohegan Sun Casino; casinos, hospitals, and education facilities.	Free	✖	✖		✖	✖	✖	✖	✖	
Fire-Art Foundry **7914 Ronson Road, Suite D, Dept. TB** **San Diego, CA 92111** **619-571-8528; Fax: 619-571-8975**	This full-service foundry creates and fabricates custom bronze plaques; custom ornamental details in bronze and aluminum; bronze busts and profiles from photos.	Free Write in No. 5400	✖								
Florentine Craftsmen **46-24 28th St., Dept. TB** **Long Island City, NY 11101** **718-937-7632; Fax: 718-937-9858**	Garden ornaments, fountains (freestanding and wall-mounted), statuary, furniture, plaques, and accessories in lead, aluminum, iron, stone, and bronze. Also, weathervanes. Some custom work.	Free Write in No. 4390	✖								
Grandview Aluminum Products **P.O. Box 687, Dept. TB** **Grandview, IN 47615** **812-649-2569; Fax: 812-649-2526**	Cast-aluminum and -bronze plaques, individual letters, and custom logos; photometal plaques for cemetery markers, tree dedications, and more.	Free	✖			✖	✖	✖	✖	✖	
Healy Brothers Foundry **P.O. Box 4, Dept. TB** **Manville, RI 02838** **401-765-7600; Fax: 401-765-7612**	Specialist in custom cast-bronze and -aluminum plaques delivered fast. Standard delivery is three weeks. Complete line of National Register plaques.	Free Write in No. 5530	✖			✖	✖		✖		
J. Dub's **1041 Bumpy Ln., Dept. TB** **Ellensburg, WA 98926** **800-622-9015; Fax: 509-962-6070**	Highly detailed silhouetted metal images incorporated into functional and decorative items.	Free					✖		✖		Carved metal

TRADITIONAL BUILDING's PLAQUES & SIGNAGE *SourceList*

CSI # 10440

COMPILED BY LAURA R. ALLEN

COMPANY	SPECIALTY	Literature	TYPES OF PLAQUES & SIGNS								
			Cast-Metal	Engraved Metal	Carved Wood	Historic Store Signage	Architectural Signage	Lobby Directories	Signs for Parks/Developments	ADA Signage	Other
La Haye Bronze Architectural **P.O. Box 2319, Dept. TB** **Corona, CA 91718** **800-523-9544; Fax: 800-793-3801**	This company has produced custom signage and metalwork for over 150 years in cast bronze and aluminum. Services include designs and pattern making.	Free Write in No. 9160	✖			✖	✖		✖	✖	Cast letters
Lake Shore Industries **P.O. Box 59, Dept. TB** **Erie, PA 16512** **800-458-0463; Fax: 814-453-4293**	Manufactures custom cast-aluminum signs and plaques. Specialist in street signs, town seals, historical markers, and custom work.	Free Write in No. 8730						✖		✖	Letterboards
Law's Architectural Signs **3951 NW 27 St., Dept. TB** **Miami, FL 33142** **305-871-6565; Fax: 305-871-6610**	Design, manufacture, and installation of project signage for hotels, office buildings, cruise ships, and other commercial venues.	Free Write in No. XXX	✖	✖	✖	✖	✖	✖	✖	✖	
Little Mountain Signs & Ironworks **10839 Girdled Rd., Dept. TB** **Painesville, OH 44077** **440-352-4847; Fax: 440-354-4833**	Carved and sandblasted dimensional signs; gold leaf; silhouette metal sign brackets; motifs include equestrian signage.	Free			✖				✖		
Lynch & Sons, Inc. **P.O. Box 488, Dept. TB** **Wilton, CT 06897** **203-762-8363; Fax: 203-762-2999**	Top-of-the-line fabricators with an extensive catalog of fountain designs, garden ornament, site furniture (including full park-bench manufacturing capabilities), weathervanes, finials, and gazebos. Custom capabilities.	Free Call for more information									Custom casting
Mohawk Sign Systems **PO Box 966, Dept. TB** **Schenectady, NY 12301** **518-370-3433; Fax: 518-370-3332**	Signs that meet ADA requirements; "Series 200A Sand Carved" signs with tactile and braille characters; plastic laminate that is abrasive-blasted.	Free		✖			✖			✖	
Musgrove Studios Signmaking **209 High St., Dept. TB** **Mount Holly, NJ 08060** **609-267-3393; Fax: 609-267-3177**	Traditional signmaking and scale drawings that any sign shop can build from. Specialist in historical signage and Main Street projects.	Free Write in No. 5440			✖	✖			✖		Scale drawings, house signs
Ould Colony Artisans **60 Arnold Ave., Dept. TB** **Edgewood, RI 02905** **800-414-7906; Fax: 401-781-0775**	Hand-painted historic and traditionally styled signs for home and business.	Free				✖					
Owen Pattern, Foundry & Mfg. Co. **710 West 22 St., Dept. TB** **Norfolk, VA 23517** **757-627-3671; Fax: 757-627-9132**	Cast-bronze and -aluminum plaques, architectural casting, memorials, bas reliefs, religious sculpture, custom logos, and patternmaking.	Free	✖	✖		✖	✖	✖	✖	✖	
Renaissance Signs **21 Main St., Dept. TB** **Gonic, NH 03839** **800-399-4116; Fax: 603-335-4116**	Hand-crafted signs; specialist in signs for churches; hand-carved, sandblasted, and hand-painted.	Free			✖	✖	✖		✖		
Schiff Architectural Detail **120 Eastern Ave., Dept. TB** **Chelsea, MA 02150** **617-887-0202; Fax: 617-887-0127**	Foundry, forge, and fabrication shop offers custom castings, non-ferrous forge work, and fabrication; machine-shop service, rubber molding, and pattern work. Historic restoration and refurbishment.	Free Write in No. 7730	✖	✖	✖	✖	✖		✖		Surrounds for lobby directories
Skyline Design **2653 W. Chicago Ave., Dept. TB** **Chicago, IL 60622** **773-278-4660; Fax: 773-278-3548**	Custom designs for businesses, hospitality, and retail establishments. Services include etched, cut, painted, and leaded glass; hand-crafted sculptural elements and molded ornament; signage; decorative painting; lighting fixtures.	Free Write in No. 329	✖	✖	✖		✖		✖		
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Smith-Cornell Impressions **1545 Holland Rd., Ste. K, Dept. TB** **Maumee, OH 43537** **800-325-0248; Fax: 419-891-4349**	Sand-cast-bronze and -aluminum plaques and signs; standard National Registry plaques; "Graphics Plus" plaques and signs. More details on their web site: www.smith-cornell.com.	Free Write in No. 460	✖			✖	✖		✖	✖	Historic markers
Southwell Co. **Box 299, Dept. TB** **San Antonio, TX 78291** **210-223-1831; Fax: 210-223-8517**	Manufacturer of cast-bronze and -aluminum plaques and historical markers; also, building letters (aluminum and bronze), ADA signs, and architectural signage.	Free	✖	✖		✖	✖		✖	✖	Cast letters
SouthWood Corp. **P.O. Box 410888, Dept. TB** **Charlotte, NC 28241** **800-727-6884; Fax: 704-588-5017**	Specializes in signage created in three-dimensional media by casting, sandblasting, or carving. Any type-style or logo duplicated. Signs for commercial, regulatory, and directional needs.	Free			✖		✖		✖		
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Tilden Manufacturing, Inc. **229 Lowland Rd., Dept. TB** **Hamburg, PA 19526** **888-267-9550; Fax: 888-267-9550e**	Sand-cast bronze and aluminum plaques and markers; products include National Register plaques, nameplates, address markers, door markers, and any other cast-bronze or -aluminum plaques or signs.	Free Write in No. 287	✖								Roadside markers
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Wagner Foundry, Inc. **1838 N. Elston Ave., Dept. TB** **Chicago, IL 60622** **773-276-7907 ext.12; Fax: 773-276-9656**	Cast-bronze, -brass, and -aluminum dedication, recognition, and identification plaques and historical markers. Cast bas-relief portraits and three-dimensional religious sculptures.	Free	✖	✖		✖	✖		✖		
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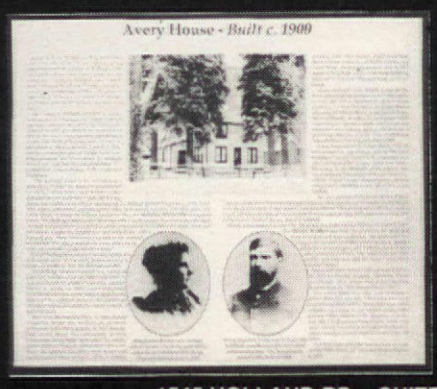
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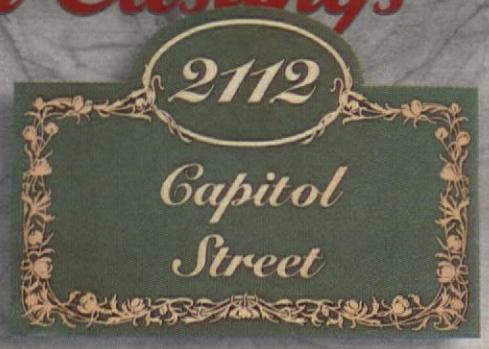
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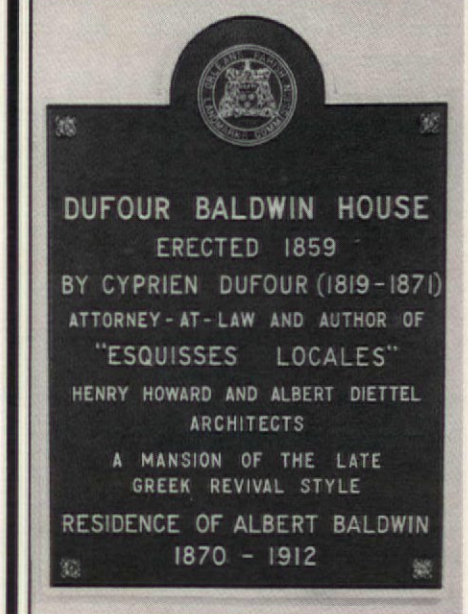
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PLAQUES & SIGNAGE PORTFOLIO

For more information on these companies, consult the SourceList on pp. 81-82.



This nameplate from TILDEN MANUFACTURING (style #165C) was photoengraved with the architect's name on a 13-in.-x-5-in. polished plaque. *Write in No. 287*



"Bronze Forever" or "Cast Aluminum Forever" plaques, like this restroom sign from SMITH-CORNELL IMPRESSIONS, can be used inside or out. *Write in No. 460*



LAKE SHORE INDUSTRIES' sign capabilities include custom-designed signs. *Write in No. 8730*



The sign for Spa Roma features a highly ornamental border, designed and fabricated by LA HAYE BRONZE. *Write in No. 9160*



Lions, thistles, and regal themes ornament this elaborate bas-relief plaque for a coffee-import company, created by OWEN PATTERN FOUNDRY.



A gold and dark green window sign creates a distinguished identity for Bombacigno's Cafe & Bakery, as created by CHICAGOLD using burnished and matte 23-K gold leaf lettering. *Write in No. 1510*

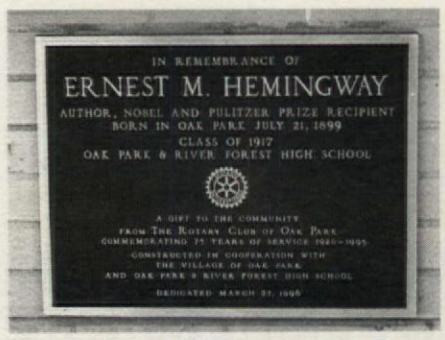


PAUL MUSGROVE created colorful exterior and interior signage for Good Time Charley's restaurant in Kingston, N.J. *Write in No. 5440*



NEW HORIZONS makes custom stencil masks for decorative painting and etched-glass signage. *Write in No. 323*

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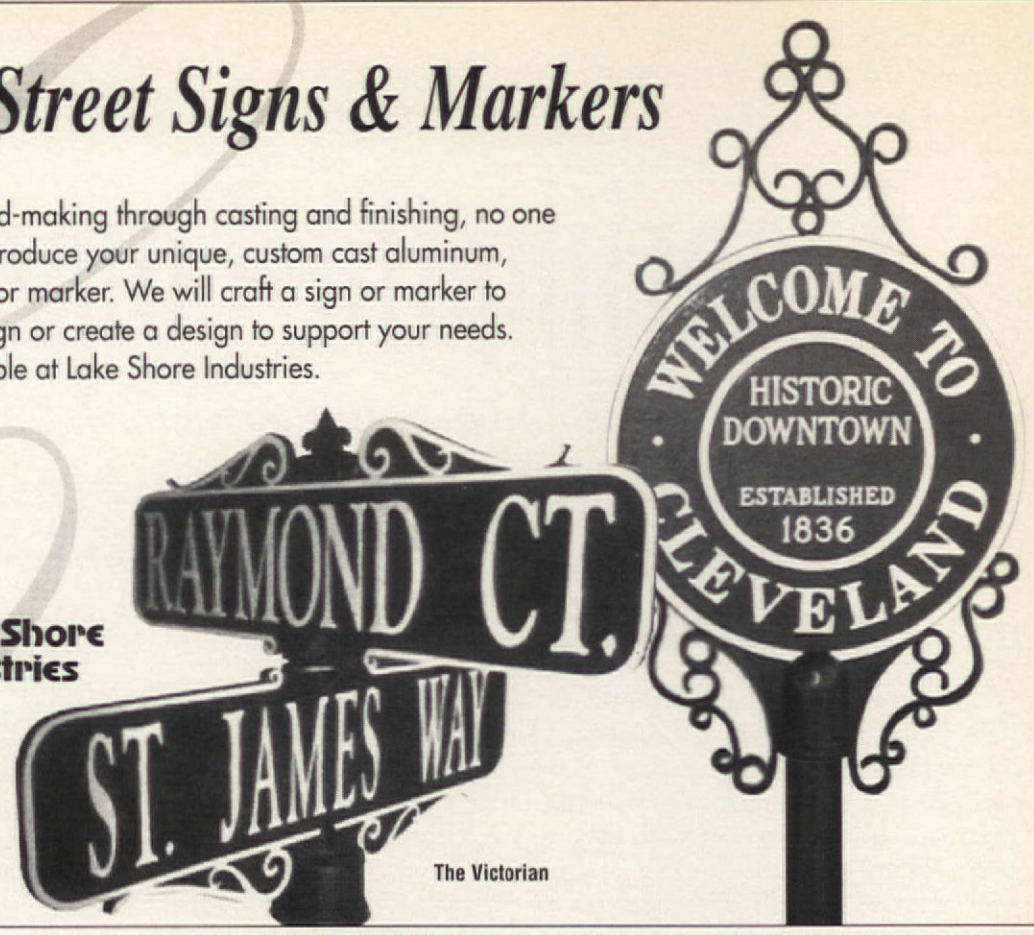
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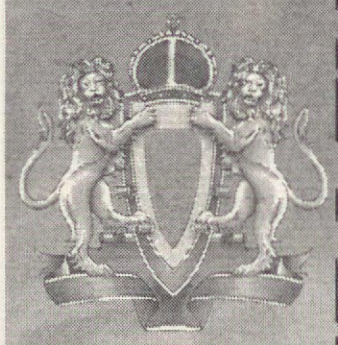
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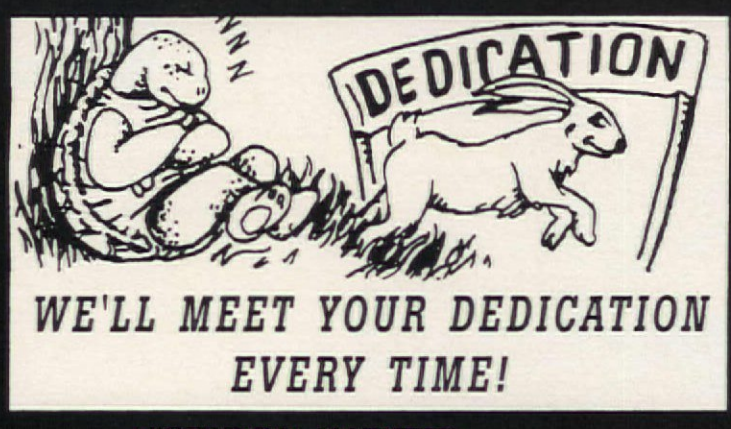


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SourceList 90-94
Portfolio. . . . 88, 95-96

Flooring the Commercial Space

Materials specification and installation methods for flooring heavily trafficked public spaces are far more rigorous than those for residential projects. Here are five case studies of flooring installations in non-residential applications involving a variety of materials.

DEPAOLI MOSAIC CO.

Project: Skipjack's Seafood Emporium, Brookline, MA
Designer: Shawmut Design, General Contractor
Architect: Aumiller Youngquist
Project Scope: Terrazzo floors covering more than 4,000 sq. ft.; areas included two entrance foyers, two dining areas, and the cocktail lounge.





The Award-winning fish chowder draws visitors to Skipjack's, while terrazzo floors add to the retro-hip, cool atmosphere that brings them back.

This award-winning flooring design incorporates terrazzo blends of black, grey, red, white, and yellow. The restaurant design is crisp and clean, with elements of Art Deco and 1930s design.

The cocktail lounge features a two-color pattern set in fish scales in shades of black and white. Dining area A has terrazzo flooring in geometric deco designs of brown, terra cotta, and cream, while dining area B has terrazzo flooring in geometrics of shades of cream. ❖

PIONEER MILLWORKS

Project: Market Arcade for th City of Buffalo, Buffalo, NY
Architects: Hamilton Houston Lownie Architects
Project Scope: Renovation of 14,000-sq.ft. wood floor



The visitor center in Buffalo's Market Arcade has premium heart pine flooring to withstand the wear and tear of pedestrian traffic.

This complex of three buildings in Buffalo's historic Theater District connects Main Street and the once-bustling Washington Market. When the market closed in the 1950s, traffic declined in the arcade. The goal of the City of Buffalo was to develop a regenerated sense of place and create viable lease areas, in a phased restoration of the buildings.

The architects called for the development of new storefronts to match the original, and for the restoration of the wood floors. Pioneer Millworks supplied the Premium Clear Antique Heart Pine flooring for the renovation of the wooden floors. A custom knife was ground to match the unusual profile of the original floor to facilitate "weaving in" the floor where needed. (It was 1-3/32 in. thick by 2-1/2 in. face width with an offset rounded tongue.)



Heart pine adds a warm, comfortable air to retail areas like this clothing store in the arcade.

The flooring was manufactured from salvaged and reclaimed heart-pine timbers that were of the same era as the original arcade. Care was taken to match the grain patterns and coloring of the existing floor, which was refinished in the areas that were still structurally intact.

The warm glow of the heart pine creates a welcome invitation into the shop interiors for passersby through the arcade. ❖

HISTORIC FLOORS OF OSHKOSH

Project: Nick & Tony's, Chicago, IL
Architect: Marve Cooper Design
Flooring Distributor: Bahr Co.



To the left of the maitre d's stand is the dining area, with soft lighting and richly colored walnut and mahogany parquet flooring.

Behind its commanding Art Deco entry, Nick & Tony's lives a dual existence. Its dining room has a masculine feel, with rich mahogany and walnut flooring. The restaurant includes a bakery-delicatessen-espresso bar at the front. It functions as a traditional business restaurant with an established-and-establishment look. It has private meeting facilities suitable for business functions.

It is also a destination for evening customers, with its real owners creating the fictitious owners — Nick & Tony — evoking an Italian-American family who has seemingly run the place since the 1940s, maybe even longer. Old photos of the imaginary owners' immigrant families endow it with a sense of tradition; elsewhere, bold Italian Moderne posters add glamour and energy.

The flooring is domestic walnut and Honduran mahogany in Historic Floors of Oshkosh's pattern #101. Deeply tufted U-shaped booths are flanked by a clubby cocktail lounge with dark woods and soft Deco lighting. Alabaster-and-bronze chandeliers add luxury with historic distinction. ❖

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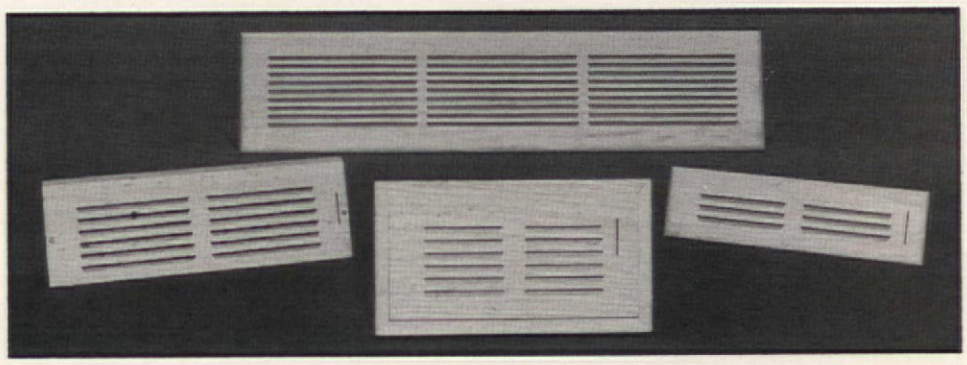
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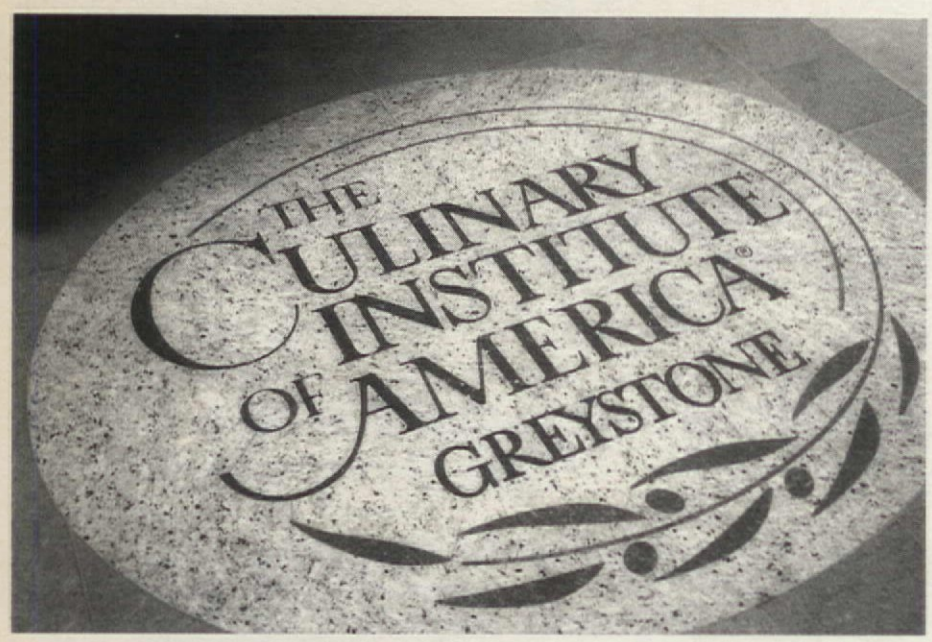
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INTARSIA, INC.

Project: Culinary Institute of America at Greystone, St. Helena, CA
Project Scope: Entrance to building



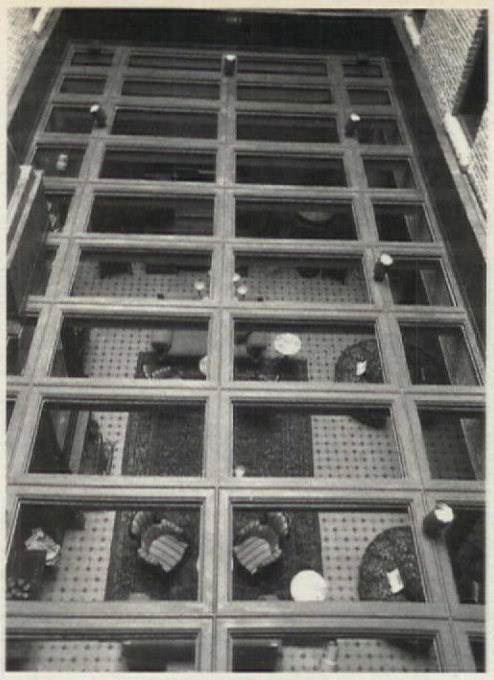
This culinary school is located in a historic landmark building in the heart of the Napa Valley. The CIA hosts more than 400,000 visitors a year.

Intarsia created a medallion at the entrance, measuring 6 ft. 6 in. by 5 ft. 6 in. It is fabricated from honed granites in a flamed granite tile field. The materials used include St. Cecilia granite (in the medallion field), Emerald Pearl (for the lettering) and Dakota mahogany (for the decoration and flamed outer tiles). It was constructed with stainless-steel rods running through the back, which also add strength for shipping and installation. ❖

DESIGNS IN TILE

Project: Hotel Jerome, Aspen, CO
Interior Design: Zoe Murphy Compton/Aspen Furniture & Design
Construction: Shaw Construction
Architectural Renovation: Caudill Gustafson

Originally built in 1889, the Hotel Jerome was at the heart of Aspen during the silver boom. When the boom passed it went into a 90-year period of alternating interest and neglect. Now fully restored, the Hotel combines Victorian splendor with world-class comfort, and is once again the jewel of Aspen.



Above: Lobbies, halls, and sitting areas at the Jerome feature reproduction 6-in. octagon and 2-in. dot cut-tile geometric patterns and borders in contrasting colors. Below: Native American motif and earthy colors are used throughout the Jerome Bar and are also included in the 2-in.-x-2-in.-mosaic flooring.

The architects called for replication of 3,000 sq.ft. of cut-tile geometric floors for the front lobby, check-in area, main lobby, sitting area, and halls. The architects also called for historically accurate design development of appropriate tiles for the Jerome Bar/Sitting Room, tea room, restaurant, and many of the public-area fireplaces, powder rooms, and the private guest rooms. Selene Seltzer, principal of Designs in Tile, designed mosaic patterns historically in keeping with the period. Patterns and colors were coordinated with Bradbury & Bradbury wallpapers used throughout the hotel.

Much of the original encaustic tile was damaged and could not be reinstalled, but a small portion was salvaged, cleaned, and put back in place. Additional material was reproduced by Designs in Tile and mixed with the originals to complete the front entry. Designs in Tile also replicated the original octagon-and-dot field pattern to complete 3,000 sq.ft. of flooring. The size, color, and thickness was matched exactly, allowing for a setting pattern using 1/16-in. grout joints.

Translucent majolica glazes for the custom fireplace tiles were also developed by Designs in Tile to coordinate with the carpeting in the guest rooms. Tiles were fabricated in various sizes and custom glazed for the fireplace surrounds and hearths.
— *Laura R. Allen*



FLOORING PORTFOLIO

For more information on these companies, consult the SourceList on pp. 90-94.



CHESTNUT SPECIALISTS tongue-and-groove, remilled chestnut flooring, 3-in. to 6-in. random widths was overlaid with stencilled flowers and given an oil-based finish. *Write in No. 8780*

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Echeguren Slate, Inc. · Greenstone Slate · Grill Works · London Tile Co.
Metropolitan Ceramics · National Terrazzo & Mosaic Assn. · North Country Slate Co.



For the restaurant of a department store in San Francisco, antique distressed oak from AGED WOODS helps evoke the feel of an old English pub. *Write in No. 1320*



The extra-wide pine flooring, horizontal wainscoting, and vertical paneling in this interior are all from CRAFTSMAN LUMBER. *Write in No. 4520*

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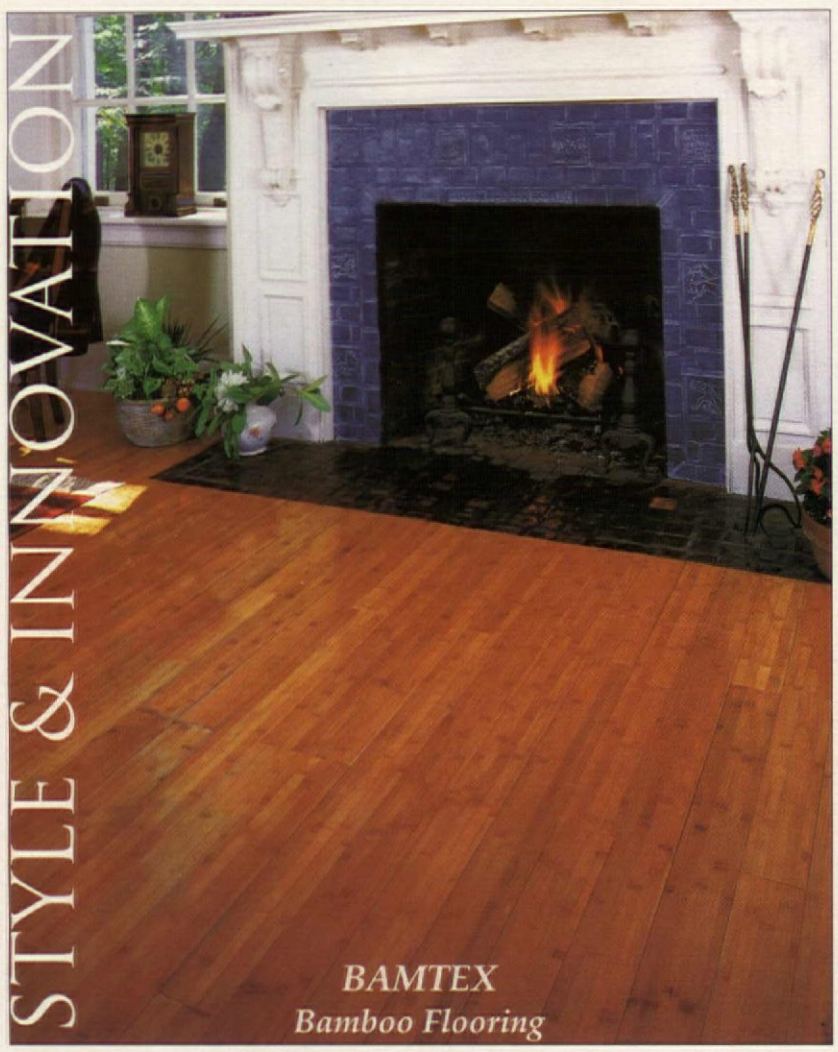
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Contemporary dining room - Robert Brantley Photography

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WRITE IN NO. 8780

TRADITIONAL BUILDING's FLOORING MATERIALS *SourceList*

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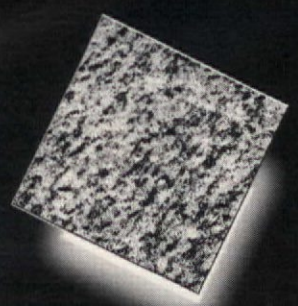
COMPILED BY LAURA R. ALLEN

COMPANY	SPECIALTY	Literature	NON-WOOD FLOORING													WOOD FLOORING					
			Encaustic Tile	Geometric Mosaics	Pictorial Mosaics	Natural Stone	Non-Skid Floor Tile	Glazed Tile	Unglazed Tile	Quarry Tile	Terrazzo	Brick	Poured-In Place	Resilient	Other	Wide Plank	Random Width	Antique Wood	Parquet	Inlaid	Other
Aged Woods, Inc. 2331 East Market St., Dept. TB York, PA 17402 800-233-9307; Fax: 717-840-1468	Rustic, recycled antique woods and beams for t-&-g plank flooring, timber framing, paneling, stair parts, moldings, and wood in dimensional form for cabinetry. Kiln-dried and milled.	Free Write in No. 1320												✔		✔					
All American Wood Register Co. 239 E. Main St., Dept. TB Cary, IL 60013 847-639-0393; Fax: 847-639-0157	Manufactures solid-wood floor, wall, and ceiling registers, and cold-air returns. Same-day shipping on all standard-size registers; custom sizes shipped within 48 hours. 15- and 18-ft. baseboards are also ready to ship.	Free Write in No. 70																			Wood registers
Ancor Granite Tile 435 Port Royal West, Dept. TB Montreal, Quebec, CANADA H3L 2C3 514-385-9366; Fax: 514-382-3533	Manufacturer of natural-granite tile and modular panels for floors and walls; interior and exterior use.	Free Write in No. 120				✔															
Architectural Features/ Charles Madden 21 Conwell Dr., Dept. TB Maple Glen, PA 19002 215-646-1599; Fax: 215-643-7272	National and international art creations for institutional and church projects; works in mosaic, glass, bronze, marble, and tapestry. Dimensional sculpture and mural projects are a special service, as well as mosaic floors and murals.	Free Write in No. 1500		✔	✔																
B&F Millwork 110 Hopper St., Dept. TB Westbury, NY 11590 516-334-0808; Fax: 516-334-3487	Custom-manufactured wide-plank flooring; any width and length, all wood species. All types of custom architectural millwork: moldings, staircases, cabinets, curved moldings, and balusters. Custom & historic molding profiles.	Free Write in No. 155														✔	✔				
Bamboo Hardwoods P.O. Box 20069, Dept. TB Seattle, WA 98102 206-223-0658; Fax: 206-223-0659	Tongue-and-groove, end-matched, strip-plank flooring, prefinished long strip, including herringbone, vertical grain, face grain, and end grain; all of laminated bamboo.	Free														✔					Laminated bamboo, herringbone
BHK of America Laminated Flooring 3 Bond St., Dept. TB Central Valley, NY 10917 914-928-6200; Fax: 914-928-2287	Laminated flooring; American woodgrains with borders and accents available; also, custom logo tiles.	Free												✔							
Birger Juell, Ltd. 1337 Merchandise Mart, Dept. TB Chicago, IL 60654 312-464-9663; Fax: 312-464-9664	The company designs, manufactures, installs, and hand-finishes "sculpted" wood flooring. Hand-finished wood, hand-scraped and finished for commercial floors.	Free														✔	✔	✔	✔	✔	Hand-scraped planks, parquet
Bisazza, Inc. 8032 NW 66 St., Dept. TB Miami, FL 33166 305-597-4099; Fax: 305-597-9844	Manufacturer of glass mosaic tile, hand-blown murano-style glass; creates prefabricated murals of glass smalti installed using pre-mapped diagrams.	Free		✔	✔						✔										
Brandt, Sylvan 651 Main St., Dept. TB Lititz, PA 17543 717-626-4520; Fax: 717-626-5867	18th- and 19th-century building materials salvaged from old houses, grist mills, and barns, including hand-hewn logs, windows, doors, flooring, and paneling.	Free Write in No. 3950														✔	✔				
Cantera Handcarved Stone 3449 E. Illini St., Dept. TB Phoenix, AZ 85040 602-470-0900; Fax: 602-470-1599	Manufactures products hand-carved from Cantera stone, quarried from Mexico: flooring, balusters, columns, window and door surrounds, benches, pavers, planters, fireplace surrounds and mantels, and fountains; stock and custom.	Free Write in No. 298				✔															
Champlain Stone, Ltd. P.O. Box 650, Dept. TB Warrensburg, NY 12885 518-623-2902; Fax: 518-623-3088	Stone from their six quarries in granite, quartzite, and limestone, for building veneer, wall stone, flagging, and ashlars, in various colors and textures.	Free Write in No. 4270				✔			✔												
Chateau Cast Limestone 2706 Magnet, Dept. TB Houston, TX 77054 800-599-5463; Fax: 713-769-8955	Specialist in fireplace mantles and surrounds, made from natural crushed limestone. Also, floor pavers, planters, columns, quoins, keystones, pedestals, balustrades, mailboxes, and more.	Free				✔															
Chestnut Specialists, Inc. 400 Harwinton Ave., Dept. TB Plymouth, CT 06782 860-283-4209; Fax: 860-283-4209	Original planks and remilled flooring from antique salvaged lumber in chestnut, oak, and pine. Random-width, -length; planed, kiln-dried, t-&-g or square-edged. Antique barn beams also available.	Free Write in No. 8780														✔	✔	✔			Lumber, hand-hewn beams
Cochran's Lumber and Millwork PO Box 203, Rt. 734, Dept. TB Bluemont, VA 22012 540-554-8274; Fax: 540-554-2153	Custom moldings, doors, mantels, and flooring; custom millwork, built-ins, bars; hardwoods and antique woods.	Free Write in No. 9780														✔		✔			
Continental Woodworking Co. 4562 Worth St., Dept. TB Philadelphia, PA 19124 215-537-5800; Fax: 215-743-3179	Custom parquet flooring, ornamental borders, medallions, and period reproductions. Domestic and foreign hardwoods. Custom design and restoration.	Free														✔	✔	✔	✔	✔	Medallions, borders
Cordts Flooring Co. 840 Lyle Ct., Dept. TB Peekskill, NY 10566 914-737-8201; Fax: Same as phone	Reproduction antique parquet and plank flooring; precision-milled parquet; prefinished cork flooring; sound-attenuated subflooring.	Free Write in No. 322													Prefinished cork	✔		✔	✔	✔	
Cork America 5657 Santa Monica Blvd., Dept. TB Los Angeles, CA 90038 800-795-2675; Fax: 213-469-0063	Manufacturer of quality Portuguese cork wall and floor tiles in unfinished, waxed, satin poly, or high-gloss poly. A range of colors and textures are available.	Free flyer, Samples $10													Cork tiles						
Craftsman Lumber Co. P.O. Box 222, Dept. TB Groton, MA 01450 978-448-5621; Fax: 978-448-2754	Custom Eastern white pine flooring and paneling to 24 in. wide. Northern hard pine, oak, ash, maple, and cherry to 12 in. wide for custom-milled plank flooring.	Free Write in No. 4320														✔	✔				
DePaoli Mosaic Co. 126 Magazine St., Dept. TB Boston, MA 02119 617-445-2381; Fax: 617-442-5618	All types of terrazzo and seamless composition flooring; installations throughout New England; Art Deco terrazzo-design assistance, restoration, recommendations, budget prices, and samples.	Free Write in No. 2320									✔										Seamless compo flooring
Designs in Tile P.O. Box 358, Dept. TB Mt. Shasta, CA 96067 530-926-2629; Fax: 530-926-6467	Custom historic tiles and murals, suitable for interiors or exteriors. Victorian mosaic entries, Arts & Crafts-style hand-decorated pavers, pools, fountains, floors, fireplaces, molded trim. Cut geometric pavements. Custom work.	Free Write in No. 250	✔	✔	✔			✔	✔	✔					Victorian cut-tile geometrics						

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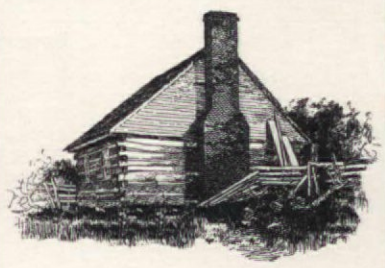


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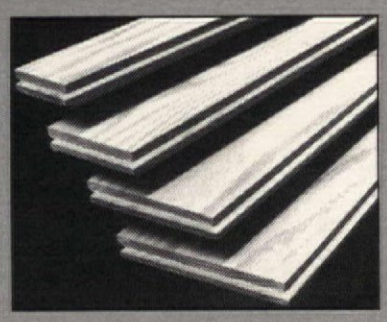
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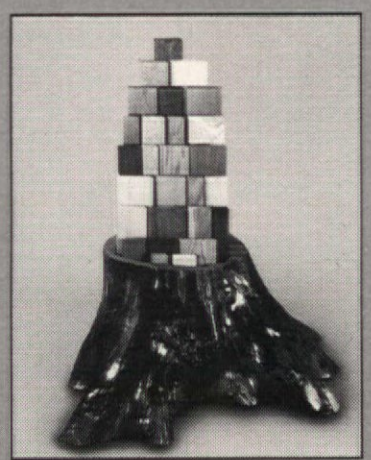


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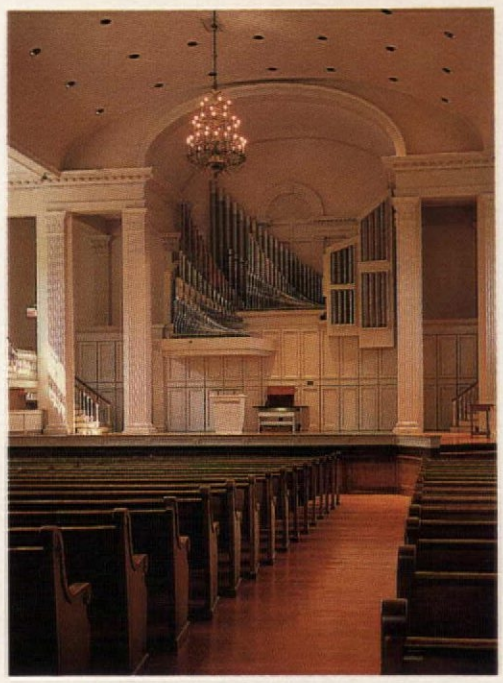
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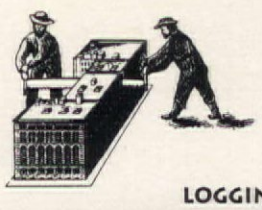
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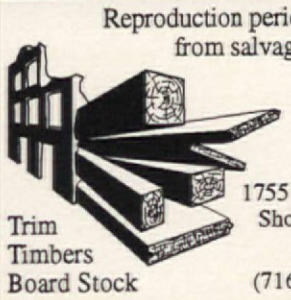
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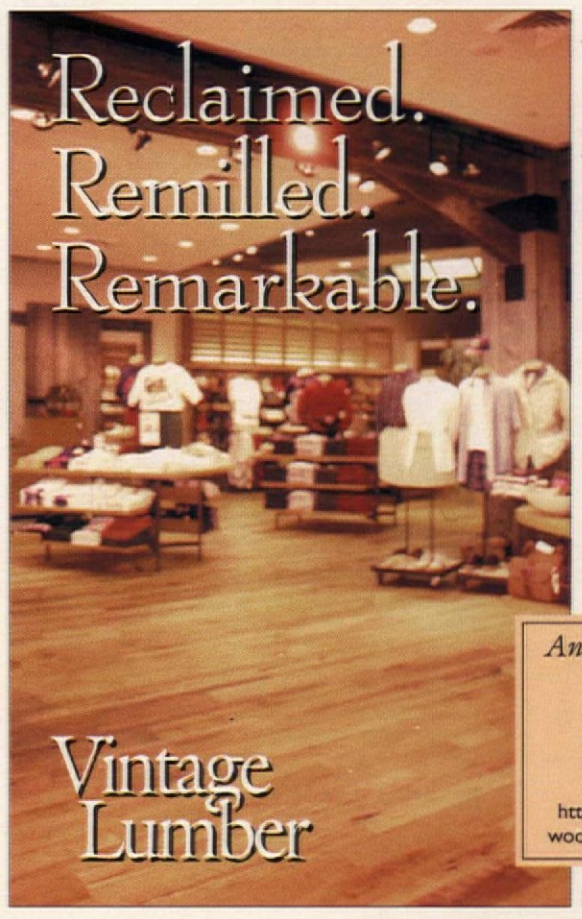
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WRITE IN NO. 311

TRADITIONAL BUILDING's FLOORING MATERIALS *SourceList*

CSI# 09600

COMPILED BY LAURA R. ALLEN

COMPANY	SPECIALTY	Literature	NON-WOOD FLOORING													WOOD FLOORING					
			Encaustic Tile	Geometric Mosaics	Pictorial Mosaics	Natural Stone	Non-Skid Floor Tile	Glazed Tile	Unglazed Tile	Quarry Tile	Terrazzo	Brick	Poured-In Place	Resilient	Other	Wide Plank	Random Width	Antique Wood	Parquet	Inlaid	Other
Dillon Floorcloths 330 East 11 St., Dept. TB New York, NY 10003 212-777-8031; Fax: 212-475-2513	Contemporary painted designs on canvas, made to fit your floor. Italian tile motifs a specialty.	Free			✔										Painted floor patterns, floor cloths						
Dixie Cut Stone & Marble, Inc. P.O. Box 264, Dept. TB Bridgeport, MI 48722 517-777-1890; Fax: 517-777-9700	Custom limestone fireplaces; also, carvings, door and window surrounds, balusters, columns, and signs; commercial, institutional, and residential; stone includes Indiana buff limestone, Texas cream, and Mankato gold.	Free Write in No. 279				✔															
Dodge-Regupol, Inc. P.O. Box 989, Dept. TB Lancaster, PA 17608 717-295-34 00; Fax: 717-295-3414	Manufactures three shades of natural-cork floor tiles unfinished, waxed, or polyurethane-coated; rubber tiles made of recycled materials in a variety of colors. Both materials are suitable for commercial or residential interiors.	Free Write in No. 3420												✔	Cork tile, recycled rubber flooring						
Duluth Timber Co. P.O. Box 16717, Dept. TB Duluth, MN 55816 218-727-2145; Fax: 218-727-0393	Resawn planks and beams, flooring, paneling, and custom millwork from recycled timbers; "as is" timbers; national shipping.	Free Write in No. 112														✔	✔				Tongue-and-groove
Echeguren Slate, Inc. 1495 Illinois St., Dept. TB San Francisco, CA 94107 800-992-0701; Fax: 415-206-9353	Importer and distributor of an extensive line of roofing tiles and slate flooring; stock includes slate from Spain, China, Brazil, India, and Africa; can dispatch on short notice.	Free Write in No. 7220				✔				✔											
Firebird Industries, Ltd. 366 Hord St., Dept. TB New Orleans, LA 70123 800-634-3829; Fax: 504-733-8261	Manufacturer of "American Quartersawn" series as well as a wide variety of plank flooring in exotics.	Free														✔		✔			Quartersawn
Forbo Industries, Inc. P.O. Box 667, Dept. TB Hazleton, PA 18201 800-342-0604; Fax: 717-450-0258	Maker of resilient flooring products, including linoleum sheet (Artoleum, Marmoleum Real, Fresco, Dual, Walton, Cork Carpet); linoleum tile (Marmoleum Dual); vinyl sheet (Smaragd, MultiStep, TractionStep, CoulourStep, TractionStep).	Free												✔	Linoleum						
Gerbert, Ltd. P.O. Box 4944, Dept. TB Lancaster, PA 17604 888-DLW-LINO; Fax: 717-394-1937	National distributor of DLW's collection of linoleum and PVC and luxury vinyl flooring, and Dodge-Regupol's commercial recycled-rubber flooring.	Free												✔	Linoleum						
Greenstone Slate P.O. Box 134, Dept. TB Poultney, VT 05764 802-287-4333; Fax: 802-287-5720	True Vermont roofing slate in wide range of sizes, colors, and weights. Experienced in matching slates for roof restoration, additions, and new construction. Graduated roofs, blending, contrasting, all effects.	Free Write in No. 3770				✔				✔											
Grill Works, Inc. P.O. Box 175, Dept. TB Marshall, MN 56258 800-347-4745; Fax: 507-532-3526	Manufacturer of wood grilles that accommodate a standard metal register (to control air flow) just below the wooden grille. Red oak drop-in models fit standard duct openings from 2-1/4-in. by 12-in. through 6-in. by 16-in.	Free Write in No. 7920																			Grilles
Handloggers Hardwood 135 E. Sir Francis Drake Blvd., Dept. TB Larkspur, CA 94939 415-461-1180; Fax: 415-461-1187	High-quality, hard-to-find new and recycled hardwood flooring.	Free														✔	✔	✔	✔	✔	Laminates, bamboo
Heritage Door, LLC 7667 Market St., Dept. TB Canton, MI 48187 313-414-7100; Fax: 313-414-7103	Manufactures Honduras mahogany millwork, including doors, molding, wainscoting, hardwood flooring, and customer-designed bars and furniture.	Free Write in No. 1350														✔	✔				
Hilltop Slate, Inc. P.O. Box 201, Rte. 22A, Dept. TB Middle Granville, NY 12849 518-642-2270; Fax: 518-642-1220	New York-Vermont natural roofing slate and flagstones in all colors, textures, and sizes; semi-weathering and unfading shades. Specialists in color matching and roofing slate for restoration. Traditional slate-roofing tools available.	Free				✔				✔											
Historic Floors of Oshkosh 911 East Main St., Dept. TB Winneconne, WI 54986 920-582-9977; Fax: 920-582-9971	Manufacturer of parquetry and decorative floor borders; geometric and laser-cut medallions; stock and custom designs; 12 standard parquets; new vine-motif borders; quick delivery.	Free Write in No. 9140																	✔	✔	Borders, medallions
IMC, Inc. 11210 Zodiac Ln., Dept. TB Dallas, TX 75229 800-929-4462; Fax: 972-243-4234	Supplies natural stone; over 1,000 commercial projects completed through North America and abroad.	Free				✔															
Intarsia, Inc. 1851 Cypress Lake Dr., Ste. B, Dept. TB Orlando, FL 32837 407-859-5800; Fax: 407-859-7555	Designs and manufactures decorative stone medallions, tiles, and accents; 90 catalog designs, all joint-free, reground, and polished. Rustic, honed, and acid-washed finish available.	Free Write in No. 275			✔	✔	✔								Waterjet-cut medallions, borders						
Johnson, H&R P.O. Box 2335, Dept. TB Farmingdale, NJ 07727 732-528-2248; Fax: 732-528-2249	Company manufactures the Minton Hollins Collection of Victorian ceramic tiles, geometrics, encaustics, and other tiles for use in fireplace surrounds, floors, etc. CAD service.	Free Write in No. 8550	✔					✔	✔												
Longleaf Lumber 9 Chalk St., Dept. TB Cambridge, MA 02139 617-354-5663; Fax: 617-576-6657	Antique heart-pine flooring and custom milling; international container shipping; wide-plank and random-width boards.	Free Write in No. 272														✔	✔	✔			
LTS Ceramics 1224 Bell Ave., Dept. TB Fort Pierce, FL 34982 561-465-5445; Fax: 561-465-4553	Manufacturer and distributor of exclusive line of handmade tiles and pottery from the Mediterranean Basin.	Free				✔		✔	✔												
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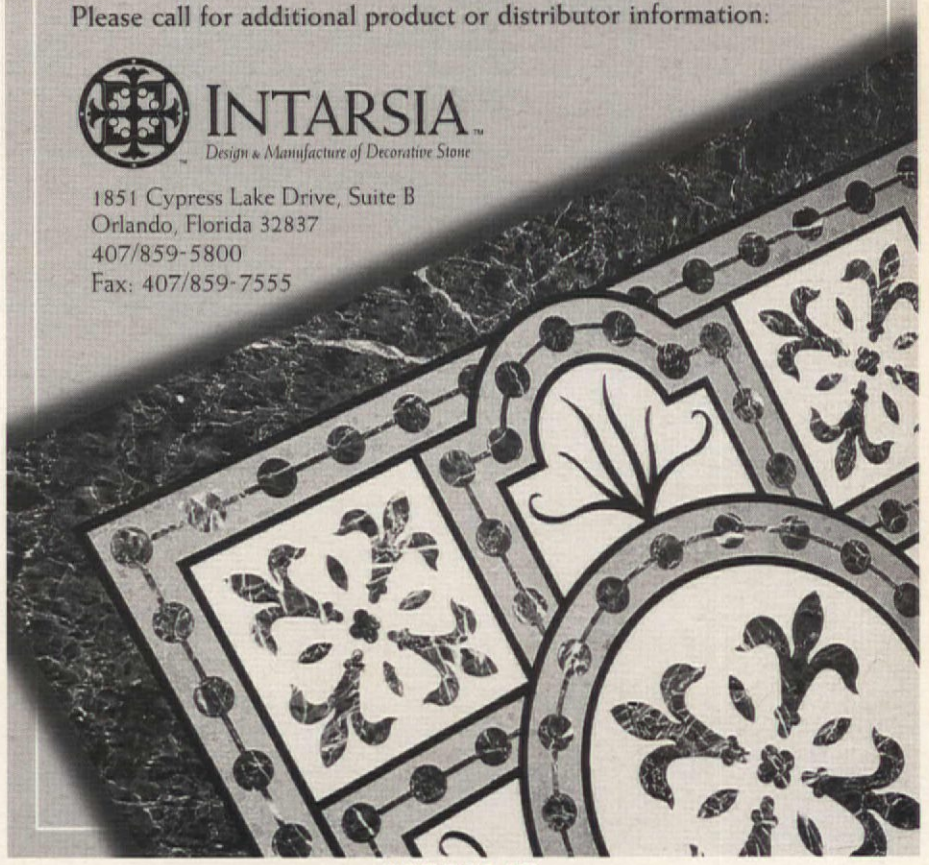
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O'Neill Co., Inc., E.H. **1405 Chippendale Rd., Dept. TB** **Lutherville Timonium, MD 21093** **410-560-2244; Fax: 410-252-9767**	Maker of "Magnaflor„" a seamless, inorganic flooring of magnesium oxychloride, which is watertight, odorless, durable, and comes in a range of colors.	Free Write in No. 374											✔		Magnesite						
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Sheoga Hardwood Flooring & Paneling **P.O. Box 510, Dept. TB** **Burton, OH 44021** **440-834-1710; Fax: 440-834-9310**	Random-width, tongue-and-groove plank flooring in nine species; end-matched, pre-sanded wood for paneling, flooring, and ceilings; herringbone flooring; custom-made wood vents.	Free Write in No. 1660														✔	✔				Herringbone
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FLOORING PORTFOLIO

For more information on these companies, consult the SourceList on pp. 90-94.



Sound-absorbing, attractive cork flooring from DODGE-REGUPOL, INC., makes a quieter, more peaceful chapel at Colgate University in Hamilton, N.Y. *Write in No. 3420*



The reception area at the Silverado Vineyards, in Napa, Calif., trod upon by thosands of visitors annually, features #1100 Olde Country cementitious tile from OLD WORLD STONEWORKS. *Write in No. 282*



TIMBERKNEE carries a number of unusual wood species for rustic-look floors, including figured country birch. *Write in No.4490*



Egg-crate-style cold-air returns and a number of styles of floor registers are available from GRILL WORKS, INC. *Write in No. 7920*



Wide-plank tongue-and-groove cherry flooring with a 7-in.-wide face and a natural finish was supplied by B&F MILLWORK. *Write in No. 155*



SYLVAN BRANDT supplies resawn chestnut in lengths of 3 to 16 ft., with an average width of 6 in. and a thickness of 3/4 in. *Write in No. 3950*



Calligraphic brush strokes in ash, inlaid in black walnut, are an example of the inlaid designs available from THOMAS OSBORN MOSAIC HARDWOOD FLOORS.



MINTEC CORP. offers a laminated bamboo flooring that retains interesting natural patterns, taken from bamboo, a rapidly replenished resource. *Write in No. 55*

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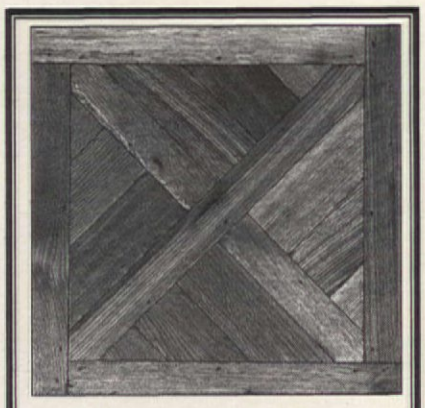
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FLOORING PORTFOLIO

For more information on these companies, consult the SourceList on pp. 90-94.



Magnaflor monolithic flooring from E.H. O'NEILL CO. was originally formulated as a durable commercial flooring material. During the restoration of the Frank Lloyd Wright Home and Studio house/museum, it was installed in many of the high-traffic passageways. *Write in No. 374*

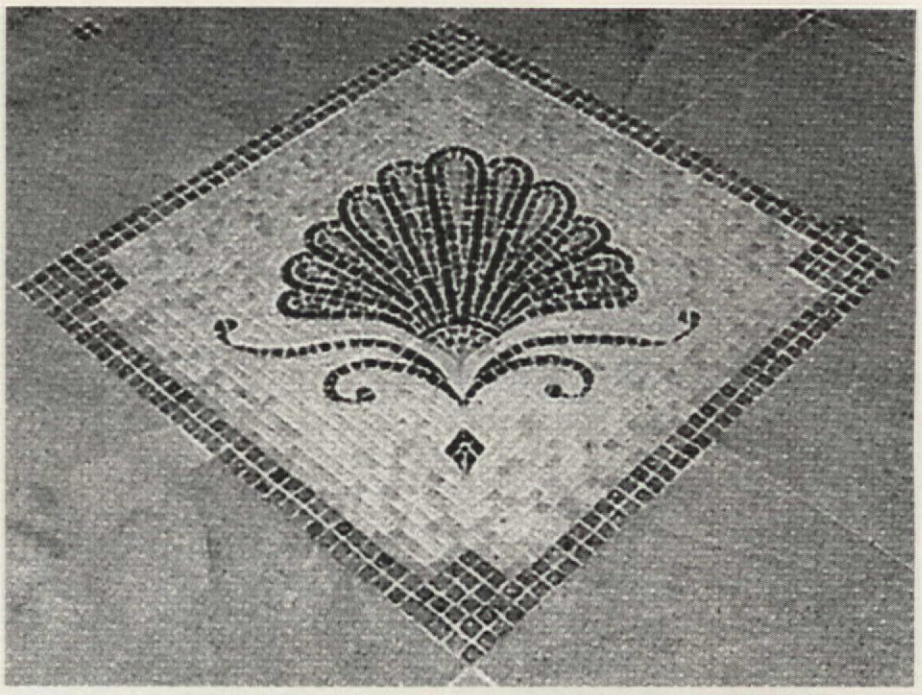


Four laser-cut inlay patterns are available to ornament registers from ALL AMERICAN WOOD REGISTER. *Write in No. 70*



Wide pine flooring from SOUTH COUNTY POST & BEAM is kiln-dried, joined straight, ripped parallel, and ready for installation. *Write in No. 134*

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A stoneware mosaic shell, 40-in. by 40-in., designed and installed by TERRA DESIGNS, was inlaid into this limestone floor. *Write in No. 2790*



This restaurant used different shades of beautiful ECHEGUREN slate for high-traffic flooring. *Write in No. 7220*

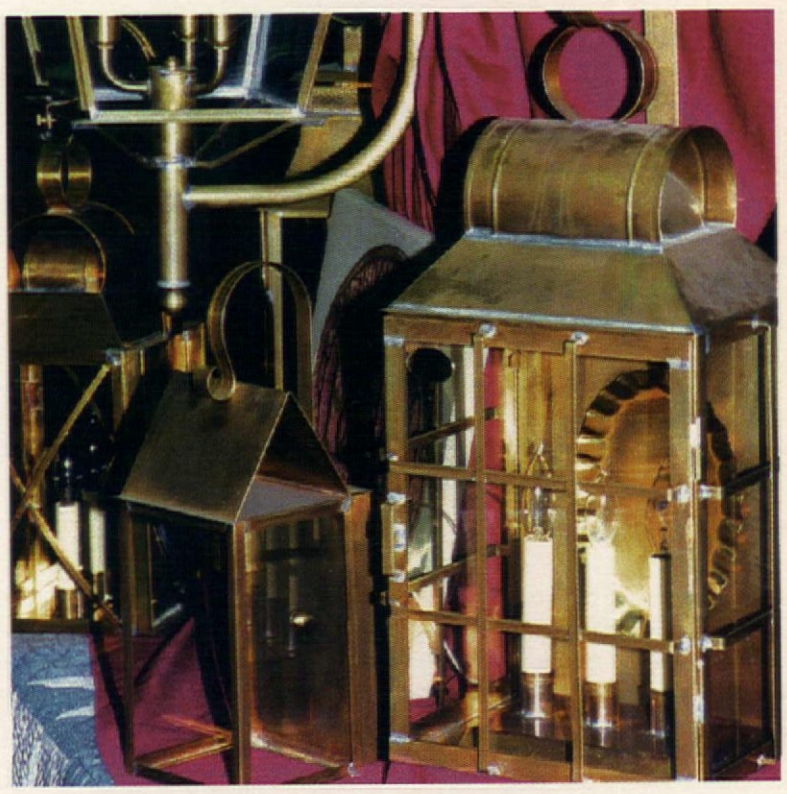


The herringbone flooring in this rustic office is available from SHEOGA HARDWOOD. *Write in No. 1660*

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SourceList 102
Portfolio. 100, 103

A Fan-tastic Ceiling Accessory

Ceiling ornament includes not only medallions, coffers, vaulting, domes, and moldings, but in many commercial installations, the decorative ceiling fan, as well.

On the following five pages, we've compiled a list of ornamental-ceiling products and manufacturers. Wood, plaster, and composite materials and tin panels are just a few of the products that can be found there. We've also compiled a list of manufacturers and suppliers of a most interesting, but little talked-about ceiling accessory — the ceiling fan.

While central air is ubiquitous in most commercial interiors, ceiling fans are finding their place as a visually appealing, entertaining — and conservation-minded appliance. The rotating blades, either belt- or motor-driven, can help circulate the air in a room, creating a variable breeze while providing an interesting visual focus. Fans also use less electricity than a typical air conditioner. In a bar, they can pull away smoke and odors.

Both new and antique fans are available today. Though the postwar surge in air-conditioning use resulted in the dwindling of fan manufacturing, there are still a few die-hard manufacturers of a variety of traditionally styled fans and also those who will restore old fixtures.

Ceiling Fans Today

In commercial interiors, the variety of ceiling fans available today can be used to evoke a number of settings — a tropical resort paradise, a 19th-century New Orleans saloon, or a 1920s speakeasy. Victorian and Turn-of-the-Century styles with ornate cast detailing are probably the most popular models, used in both residential and commercial spaces.

Other models available include **belt-driven systems**, powered using leather-like belts connected to a central drive motor. Because their movement is exposed, these fans are an engineering marvel as well as a decorative and useful element.

Pedestal fans are floor mounted and styled like French torchieres. **Column and counter fans** are pole-mounted, and styled like pedestal fans.

Palm blade systems are available in a number of styles, including vertically rotating paddlewheel designs, gracefully oscillating and swaying palms, and canopy-hung "South Pacific" style palms.

A few manufacturers have fans for lower-clearance ceilings (dropping only 8 to 12 in.). In addition, some standard fans can be found that are UL-listed for damp locations, like porches and bathrooms. See the Portfolio on pp. 100 and 103 for photos of some of the more exotic ceiling fans available today. — *LRA*

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Emerson Ceiling Fans
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The Fan Man
2721 N.W. 109 Terrace
Oklahoma City; OK, 73120
405-751-0933
One-man fan restoration and sales outfit. Can install lights and otherwise customize old fans; usually has a dozen on hand, and will ship anywhere. Cast-iron fans stripped and polished to a natural finish, often with antique brass-plated parts.

The Fan Man
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Dallas, TX, 75214
214-826-7700
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765-482-2055; Fax: 765-482-5215
Unique ceiling-, wall-, and floor-mounted fans; several fans feature real palm leaves; also, belt-driven fans. *Write in No. 9550*

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Lighting by Gregory, Inc.
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Woolen Mill Fan Co.
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New Park, PA, 17352
717-382-4754; Fax: 717-382-4754
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A HISTORY OF THE CEILING FAN

Early on in the history of electricity, water-powered belt-and-pulley systems provided the energy for circulating fans in certain commercial environments. They were used in the factories of the Industrial Revolution, but not until Thomas Edison and the residential use of electricity became widespread did ceiling fans take off. Inexpensive power, coupled with the development of simple, efficient electric motors, paved the way for the ceiling-fan boom.

In 1882, Philip Diehl, generally considered the father of the modern electric ceiling fan, refined the engineering of a suitable electric motor by using a Singer sewing-machine motor. His device was a large double-bladed adaptation of the well-known industrial belt-driven fan, but with its own self-contained electric motor.

By the end of the 1880s, the Diehl Electric Fan was sweeping the country. The idea of interior environmental cooling caught on like wildfire, providing Diehl with immediate competition. Soon there were a dozen and a half electric-ceiling-fan producers manufacturing an endless variety of ceiling-fan designs.

Diehl continued to make major improvements and innovations, such as reducing motor size and adding lights to create an electrified combination-chandelier-and-ceiling-fan. Soon the idea became common property, and by the turn of the century the ceiling fan was everywhere; it wasn't long before its fame and sales had traveled around the world.

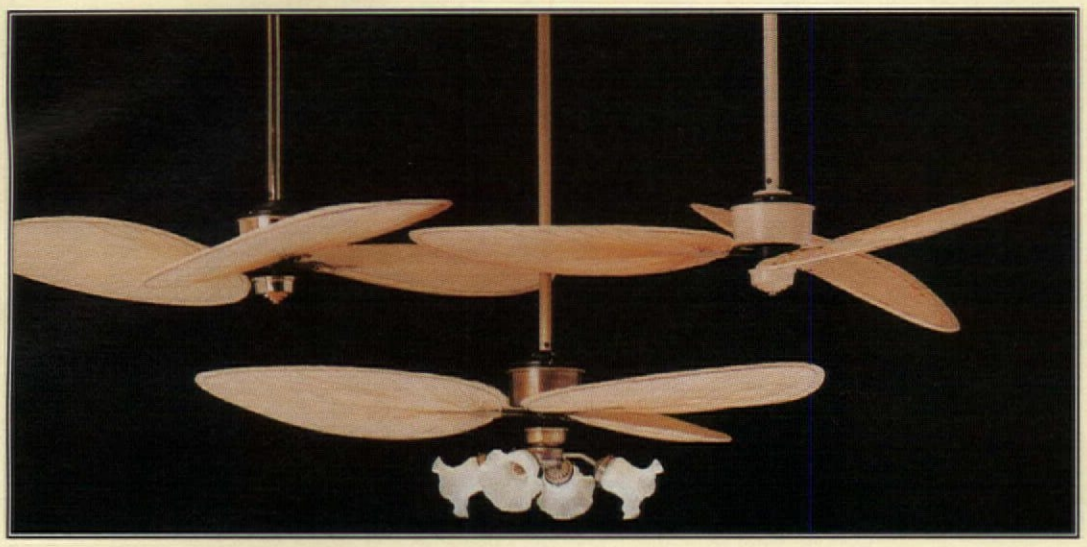
By World War I, most ceiling fans were being made with four blades to maximize cooling and heating efficiency. By the 1920s, no self-respecting restaurant, ice-cream parlor, elegant dining room, or even speakeasy was without a bank of ceiling fans as part of the decor and ventilating system.

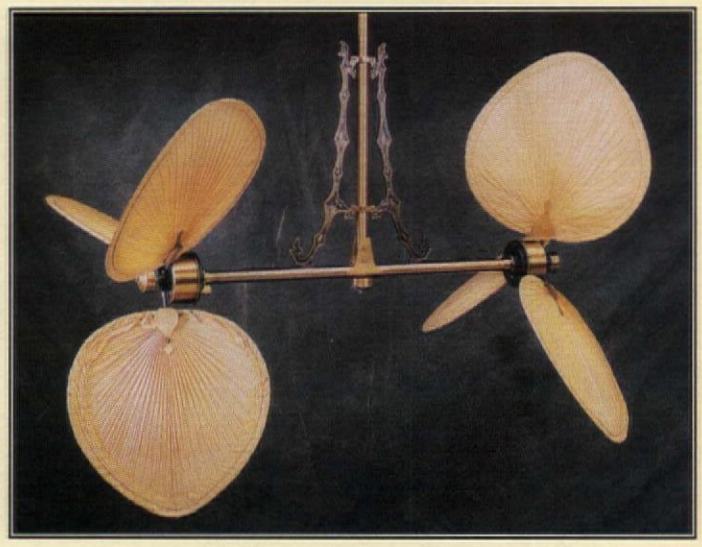
Ironically, the same inexpensive power that made possible the widespread use of ceiling fans also led to their downfall. Despite the Depression, America perceived itself as an abundant society. Technical advances of the day reflected this belief, with, for example, air conditioning and central forced-air heating, despite the fact that these cooling and heating innovations utilized enormous amounts of energy. As old ceiling fans wore out, they too were replaced with these units. By the end of World War II and into the 1950s, the reliable and economical ceiling fan of the recent past had become almost extinct. Those that remained were considered nostalgic curiosities or "props" in Humphrey Bogart movies.

In 1973, Burton A. Burton a belt-driven fan system still operating at Kolb's German Restaurant in New Orleans' French Quarter, which became an entrepreneurial idea. Working from the premise that these highly practical, economical, and decorative fans would be very popular among restaurant and hotel owners throughout the world, Burton opened the Casablanca Fan Company and exhibited his fans at Chicago's 1975 National Restaurant Association Convention. Almost immediately, he began doing a brisk business selling belt-driven and other decorative ceiling fans to commercial clients worldwide. In fact, due to his overall success, Burton expanded the product line to produce ceiling fans with self-contained motors. The timing couldn't have been better; escalating energy costs had reached an all-time high.

Many thanks to Jim Baltzer of Fanimation Design and Manufacturing for providing background information on the history of the ceiling fan.

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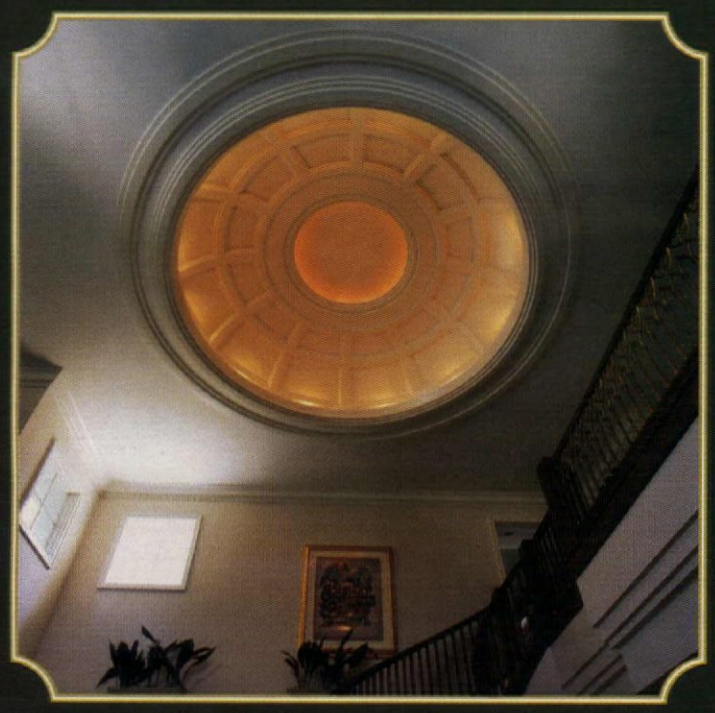
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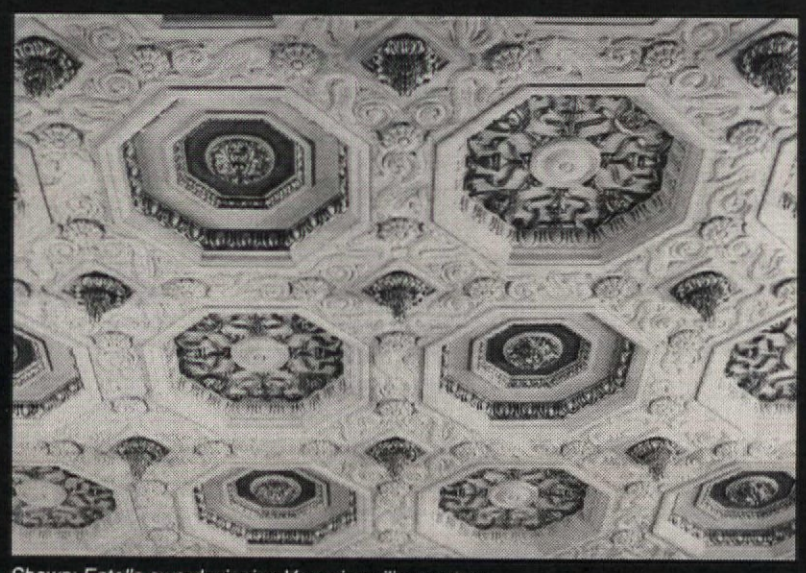
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WRITE IN NO. 325

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ORNAMENTAL PERFECTIONISTS



Shown: Entol's award-winning Venezia ceiling system.

Manufacturers of stock and custom decorative ceiling panels and sytems. Over 150 stock designs available. Specialists in highly ornamented flat or barrel vaulted systems designed to install in standard grid. Also distributors of pressed tin lay-in or nail-up ceilings.

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entol

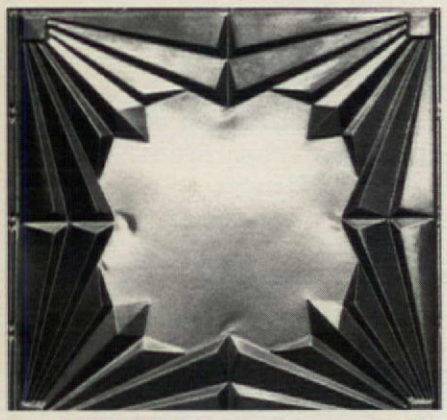
WRITE IN NO. 2950

ORNAMENTAL CEILINGS PORTFOLIO

For more information, see the Fan SourceList on p. 98 and the Ceilings SourceList on p. 102.



ARCHITECTURAL PRODUCTS BY OUTWATER's Orac Decor line of high-density-polyurethane elements includes more than 40 ceiling medallions which can be easily adapted for use with lighting by being drilled through their centers. *Write in No. 4934*



AA-ABBINGDON manufactures tin ceilings of all kinds, including this Art Deco-inspired ceiling panel. *Write in No. 8920*



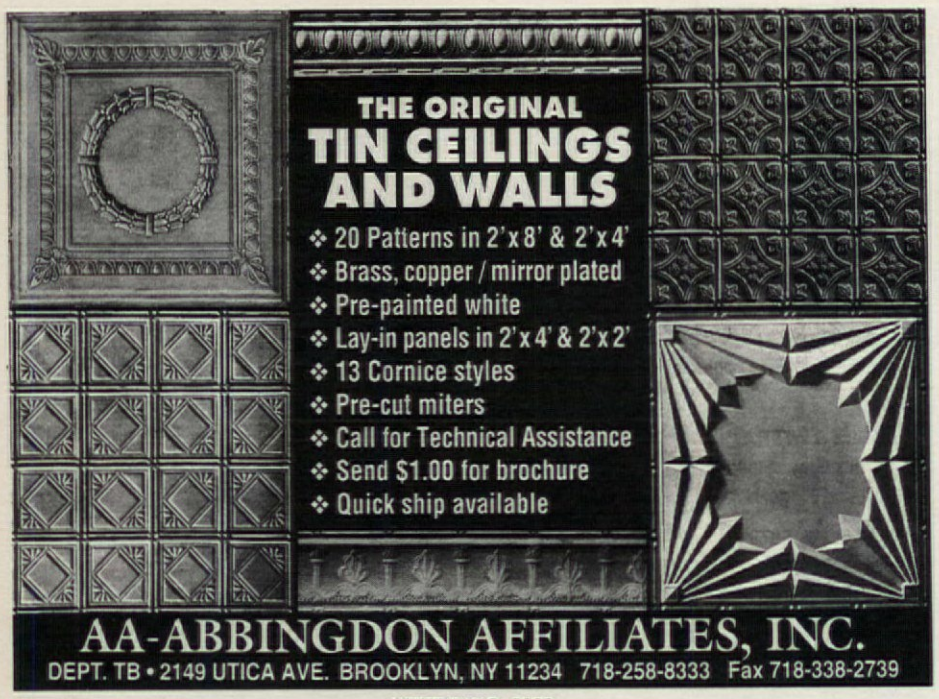
For the Adath Jeshurun Synagogue in Minnetonka, Minn., NEW HORIZONS ART & DESIGN STUDIO used CAD graphic design to adapt the architects' concept into a site-specific, three-part stencil, with which the decorative painters could execute a medallion frieze design that would perfectly fit the 80-ft.-diameter rotunda. *Write in No. 323*



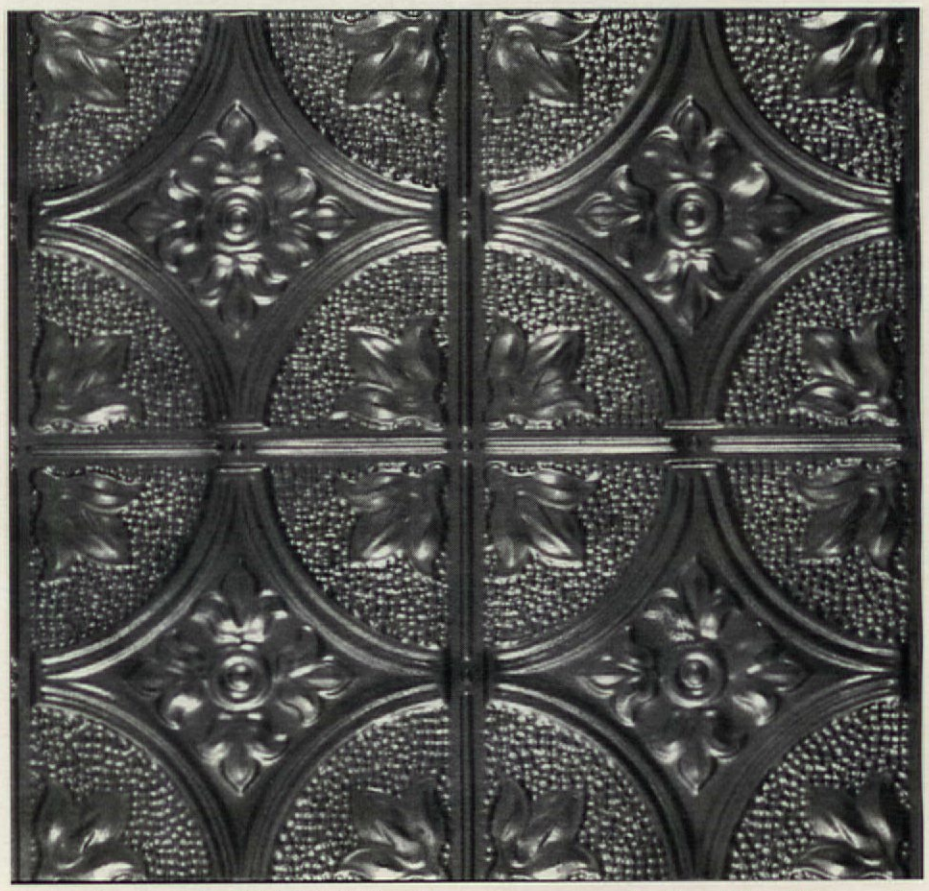
The Old English ceiling from DECORATORS SUPPLY CORP. is ribbed and has stylized English flowers in each of the coves. Panels measuring 3 ft. across make up small model #2500-1B. *Write in No. 210*



The barrel-vaulted grid-ceiling system from ENTOL INDUSTRIES, INC., accommodates all types of lighting, sound, and HVAC systems, which makes it ideal for a high-energy, high-traffic casino like this one. *Write in No. 2950*



WRITE IN NO. 8920



CHELSEA DECORATIVE METAL CO. carries an extensive line of tin-ceiling panels and tiles. *Write in No. 190*



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Classic Ceilings

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If your office qualified to receive the 1997 TRADITIONAL BUILDING CATALOG, you'll find prefiled and indexed product literature there for the following suppliers of Ornamental Ceilings:

AA-Abbingdon · Chelsea Decorative Metal Co.
Cumberland Woodcraft · Decorators Supply Corp.
Fischer & Jirouch · Hayles & Howe · Treadway Industries, Inc.
W.F. Norman Corp. · Worthington Group

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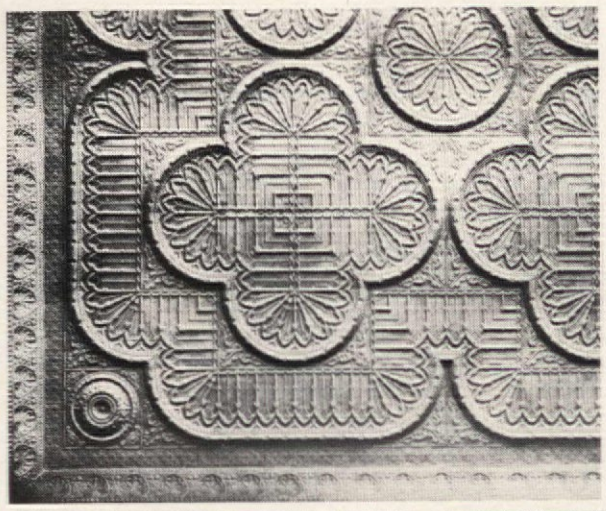
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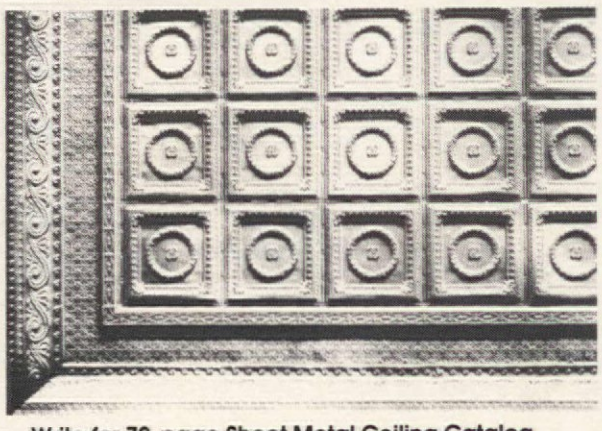
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Write for 72-page Sheet Metal Ceiling Catalog.
Or Circle No. 52

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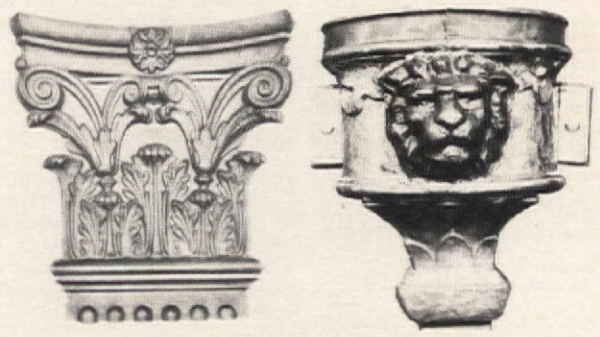
Pressed metal siding from turn-of-the-century dies: lightweight, durable, economical. Brick, Rock-Faced Brick, Pitch-Face Stone, and Cluster Shingle.

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☆ Conductor heads & fittings ☆ Weathervanes



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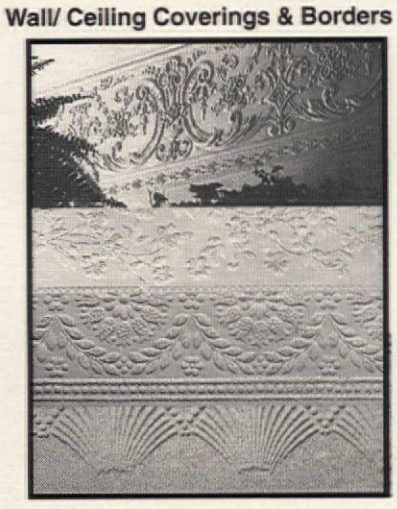
Our manufacturing process enables us to make reproductions of original panels on a custom basis . . . or to produce your original design. Call us to discuss your needs.

W.F. Norman Corp. P.O. Box 323 Nevada, MO 64772 800-641-4038

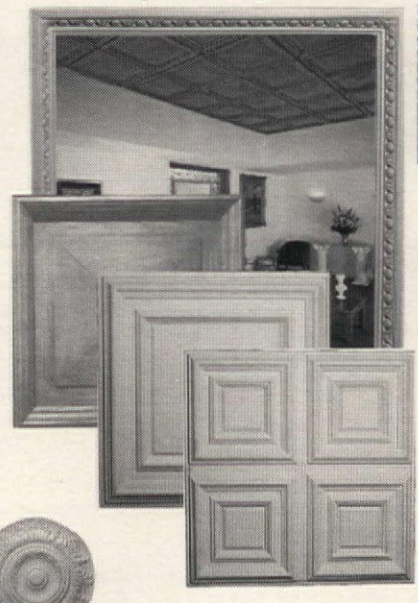
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With Outwater Plastics' Ceiling Products, The Sky's The Limit!

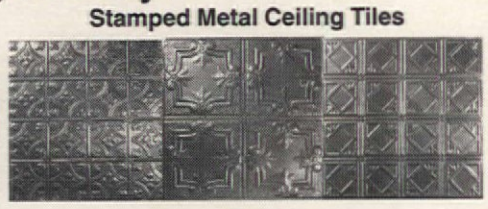
Wall/ Ceiling Coverings & Borders



Drop in Ceiling Tiles



Stamped Metal Ceiling Tiles



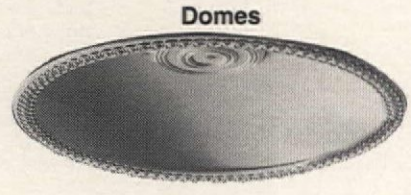
Cornice Mouldings



Ceiling Medallions



Domes



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WRITE IN NO. 4934

TRADITIONAL BUILDING's ORNAMENTAL CEILINGS *SourceList*

CSI # 09500

COMPILED BY LAURA R. ALLEN

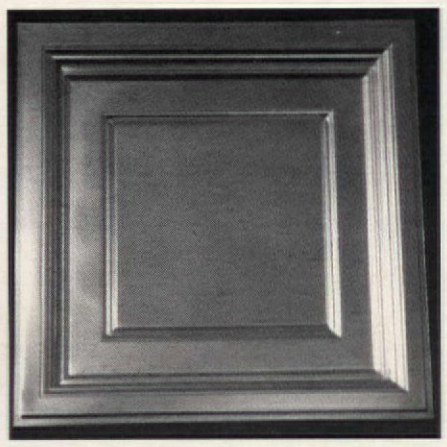
COMPANY	SPECIALTY	Literature	TYPE OF CEILING: Stamped Metal	Paneled Wood	Polymer Panels	Gypsum Panels	Ceiling Medallions	Plaster Ceilings	Domes	Stained Glass	Other	% Custom
A&B Wood Design 16 Old Mill Rd., Dept. TB Georgetown, CT 06829 203-544-9871; Fax: 203-544-1088	High-quality millwork; stock and custom moldings, casework, paneling, newels, stairwork, doors, and more; residential and commercial use.	Free Write in No. 2220		✪								20%
AA-Abbingdon Affiliates, Inc. 2149-51 Utica Ave., Dept. TB Brooklyn, NY 11234 718-258-8333; Fax: 718-338-2739	Company carries 25 original designs of tin panels for ceilings and walls, and 13 cornice styles. Finishes: unpainted or prepainted white, brass- or copper-plated, and chrome.	Free Write in No. 8920	✪				✪					0%
Archicast 2527 Broad St., Dept. TB Memphis, TN 38112 901-323-8717; Fax: 901-323-8717	Custom caster, moldmaker, and sculptor repairs and reproduces ornamental work in precast concrete, cast stone, GRG, plaster, and polymers; capitals, bases, and other elements. Molds in stock.	Free Write in No. 304					✪		✪		Rings, bench-run swept moldings	75%
Architectural Products by Outwater P.O. Box 347, Dept. TB Wood-Ridge, NJ 07075 800-631-8375; Fax: 800-888-3315	Major stocking supplier of more than 20,000 in-stock, ready-to-ship component products for ornamental ceilings, including stamped metal, polymer "drop-in" panels, ceiling medallions, and domes. Worldwide distribution.	Free Write in No. 4934	✪		✪		✪		✪			5%
Boston Valley Terra Cotta 6860 S. Abbott Rd., Dept. TB Orchard Park, NY 14127 716-649-7490; Fax: 716-649-7688	Manufactures quality architectural terra cotta for restoration and new buildings. Site and survey work; photo documentation, drawings/CAD, computer spreadsheets, moldmaking, fine detail work, and color matching.	Free									Terra-cotta elements, ceiling tile	100%
Chelsea Decorative Metal Co. 9603 Moonlight Dr., Dept. TB Houston, TX 77096 713-721-9200; Fax: 713-776-8661	Pressed-tin panels for ceilings and walls. Decorative sheets in 2-by-4-ft. sections; 6-in., 12-in. or 24-in. repeats; cornices in 4-ft. lengths. Styles from Victorian to Art Deco; commercial or residential. Shipped anywhere.	Free Write in No. 190	✪									5%
Classic Ceilings 902 E. Commonwealth Ave., Dept. TB Fullerton, CA 92831 800-992-8700; Fax: 714-870-5972	Extensive line of tin ceilings, including trim, and wall panels. Imports embossed, paintable Anaglypta and Lincrusta wall coverings in a variety of patterns. Polyurethane moldings and medallions. Free layout service.	Free Write in No. 2400	✪									0%
Cumberland Woodcraft Co. P.O. Drawer 609, Dept. TB Carlisle, PA 17013 800-422-2099; Fax: 303-292-1933	Complete line of architectural and period millwork, fixtures, and decorative treatments. Also, carvings, brackets, appliques, fretwork, grilles, mantels, moldings, and rails; paneled and coffered architectural wood ceilings.	Free		✪								0%
Decorators Supply Corp. 3610-12 S. Morgan St., Dept. TB Chicago, IL 60609 773-847-6300; Fax: 773-847-6357	14,000 patterns for period architectural elements and molded ornament, from ceiling medallions to mantels, in plaster of paris, compo, and wood since 1893. Set of 5 catalogs, $30.	Free Write in No. 210		✪	✪	✪	✪					15%
Entol Industries, Inc. 8180 NW 36th Ave., Dept. TB Miami, FL 33147 800-368-6555; Fax: 305-696-4045	Large selection of stock and custom architectural ornament and other elements in polymer, wood, gypsum, GRG, and FRP; primed or prefinished; interior or exterior.	Free Write in No. 2950		✪	✪	✪						50%
Felber Ornamental Plastering Corp. P.O. Box 57, Dept. TB Norristown, PA 19404 800-392-6896; Fax: 610-275-6636	Stock line of pilaster and column capitals; custom work; consultants, pattern-makers, and fabricators of cornices (interior and exterior) and other architectural ornament in Forton MG and plaster. Historic restorations a specialty.	Free Write in No. 2890				✪	✪	✪	✪			30%
Fischer & Jirouch 4821 Superior Ave., Dept. TB Cleveland, OH 44103 216-361-3840; Fax: 216-361-0650	Wide selection of hand-crafted plaster architectural ornament for interior and exterior applications, including columns, capitals, ceiling medallions, and fireplace mantels.	Free Write in No. 1960					✪					20%
Flex Moulding, Inc. 16 E. Lafayette St., Dept. TB Hackensack, NJ 07601 201-487-8080; Fax: 201-487-6637	Over 3,000 flexible and rigid moldings, spot decorations, simulated wood carvings, and more; rigid and flexible materials; custom casting and moldmaking capabilities. Restoration casting.	Free Write in No. 4900			✪		✪				Architectural ornaments	40%
Freedman Studios, L.H. 368 Congress St., 5th Fl., Dept. TB Boston, MA 02210 617-426-8887; Fax: Same as phone	Sculpture studio specializing in preservation, conservation, restoration, custom art design, environmental design, and architectural detail. Casting and moldmaking a specialty. Materials include simulated marble and gilded ornament.	Free Write in No. 6390					✪					100%
Fypon, Inc. 22 West Pennsylvania Ave., Dept. TB Stewartstown, PA 17363 800-537-5349; Fax: 717-993-3782	Offers a full line of over 3,500 molded architectural elements: window features, turnings, columns, brackets, and more in high-density polymer and other polymers. Line of load-bearing polymer/steel columns, maximum diameter 12 ft.	Free Write in No. 6170			✪		✪		✪			100%
Gage Corporation, Intl. 803 S. Black River St., Dept. TB Sparta, WI 54656 800-786-4243; Fax: 608-269-7622	Designs and manufactures decorative metal ceilings and wall surfaces. Numerous standard designs available; custom projects also welcome.	Free									Metal panel	50%
Global Specialty Products 123 Columbia Court N., #201, Dept. TB Chaska, MN 55318 800-964-6724; Fax: 612-448-2613	Ornamental polymer ceiling panels; "Three D" panels for ceilings; fire-rated products.	Free			✪							0%
New Horizons Art & Design Studio 10 Wells Ave., Dept. TB Amesbury, MA 01913 508-388-4059; Fax: 508-388-4059	Custom AutoCAD paint masks for single and multi-color designs; self-adhesive; easy removal; also, inlaid laminates. Studio works from concept, camera-ready art to program files. High detail, high accuracy, cost effective. Mail order to specs.	Free Write in No. 323									Decorative AutoCAD paint masks, stencils	95%
Pioneer Millworks 1755 Pioneer Rd., Dept. TB Shortsville, NY 14548 716-289-3220; Fax: 716-289-3221	Custom sawing and planing of reclaimed timbers in oak, Douglas fir, and heart pine for use with traditional joinery; hand-hewing, antique floors, ceilings, trim, and moldings.	Free Write in No. 6370									Timbers	80%
Reflection Studios 1418 62nd St., Dept. TB Emeryville, CA 94608 510-652-4884; Fax: 510-658-6138	For over 25 years, this studio has produced exceptional work in stained glass, both original pieces and museum-quality restoration. A licensed glazing contractor; many large commercial and government projects.	Free Write in No. 7930								✪		100%
Renaissance Ceiling Domes 6921 Ellesmere Dr., Dept. TB Knoxville, TN 37921 423-539-4292; Fax: 423-539-2773	Custom-made ceiling domes in any size; plaster shells or fully finished. Options: hardwood and coffered-wood interiors, trim; oval and oculus; pre-wired, dimmable lights. Faux finishes, murals, carvings, and veneers.	Free Write in No. 325							✪			100%
Rohlf's Studio, Inc. 783 South Third Ave., Dept. TB Mount Vernon, NY 10550 800-969-4106; Fax: 914-699-7091	Victorian heraldry and stained glass for over 75 years; specialist in stained-glass window design, traditional to contemporary; can provide design assistance. Also, conservation, replication, and restoration services.	Free Write in No. 6240								✪		100%
Rory Brennan/Preservation Plastering RFD 1, Box 772, Dept. TB Putney, VT 05346 802-387-4623; Fax: 802-387-5030	Complete plaster-conservation services: documentation, stabilization of loose plaster, mortar analysis and matching; plaster replication using original models.	Free Write in No. 2980					✪					100%
Seal Reinforced Fiberglass, Inc. 23 Bethpage Rd., Dept. TB Copiague, NY 11726 516-842-2230; Fax: 516-842-2276	Stock and custom garden pools, waterfalls, planters, and rock features. FRP building components, stock and custom cornices, cupolas, and brackets. Full-service mold and tool fabricators. On-site molds.	Free Write in No. 4620			✪		✪		✪			100%
Snelling's Thermo-Vac, Inc. P.O. Box 210, Dept. TB Blanchard, LA 710 09 318-929-7398; Fax: 318-929-3923	Polymer-sheet ceiling tiles resemble tin ceilings. Tiles fit into a 2-by-2-ft. suspended-grid system; decorative strip covers grid. Nail-up systems, fire-rated materials, range of patterns and colors available.	Free Write in No. 8450			✪							0%
Steel Ceilings, Inc. P.O. Box 547, Dept. TB Coshocton, OH 43812 614-622-4655; Fax: 614-622-8971	Acoustical and decorative metal ceiling and wall panels of aluminum, polished brass, painted steel, plated steel, and stainless steel. USDA-approved ceilings.	Free	✪									50%
Superior Moulding, Inc. 5953 Sepulveda Blvd., Dept. TB Van Nuys, CA 91411 800-473-1415; Fax: 818-376-1314	Array of standard and non-standard moldings and related finish materials in any size, style, shape, and species; short turnaround times.	Free flyer, brochure $15		✪			✪		✪			30%
W.F. Norman Corp. P.O. Box 323, Dept. TB Nevada, MO 64772 800-641-4038; Fax: 417-667-2708	Major fabricator of sheetmetal ornament; hundreds of stock designs of cornices, moldings, brackets, pressed-metal ceilings, etc.; duplication from samples or drawings.	Free Write in No. 520	✪									2%

ORNAMENTAL CEILINGS PORTFOLIO

For more information on these companies, consult the Fan SourceList on p. 98 and the Ceilings SourceList on p. 102.



A triple-belt system, called the "Ostrich," drives these fans from the WOOLEN MILL FAN CO. *Write in No. 316*



SNELLING'S THERMO-VAC decorative ceiling tiles are made from a durable polymer plastic. This classic tile is used with their suspended-ceiling grid system. *Write in No. 8450*



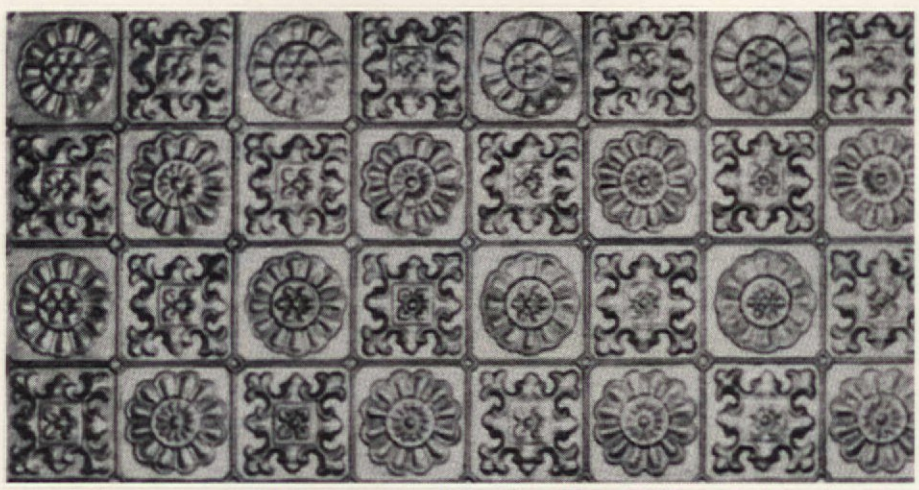
The Spaghetti Warehouse restaurant used the Shanker tin-ceiling pattern #503, distributed by CLASSIC CEILINGS, to create a festive atmosphere in the dining area. *Write in No. 2400*



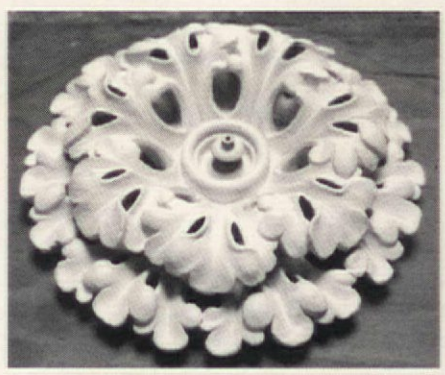
RENAISSANCE CEILING DOMES designed and installed this 14-1/2-ft. ceiling dome for a synagogue in Atlanta, Ga. The dome has multi-level halogen lighting on dimmers, illuminating its gold panels. *Write in No. 325*



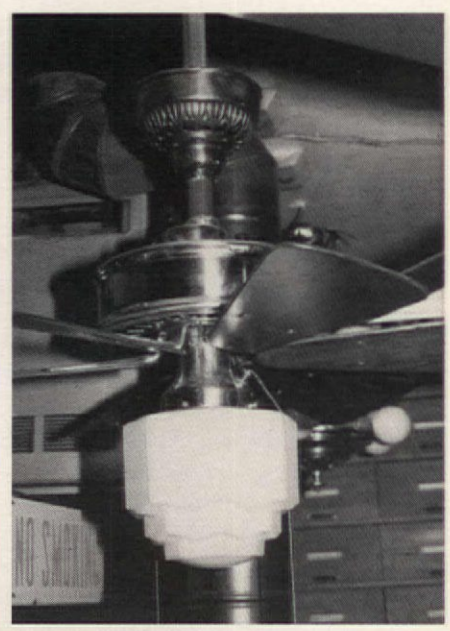
Oscillating paddle fans with decorative metal detailing from FANIMATION are one attraction of the bar at the "Rusty Pelican." *Write in No. 9550*



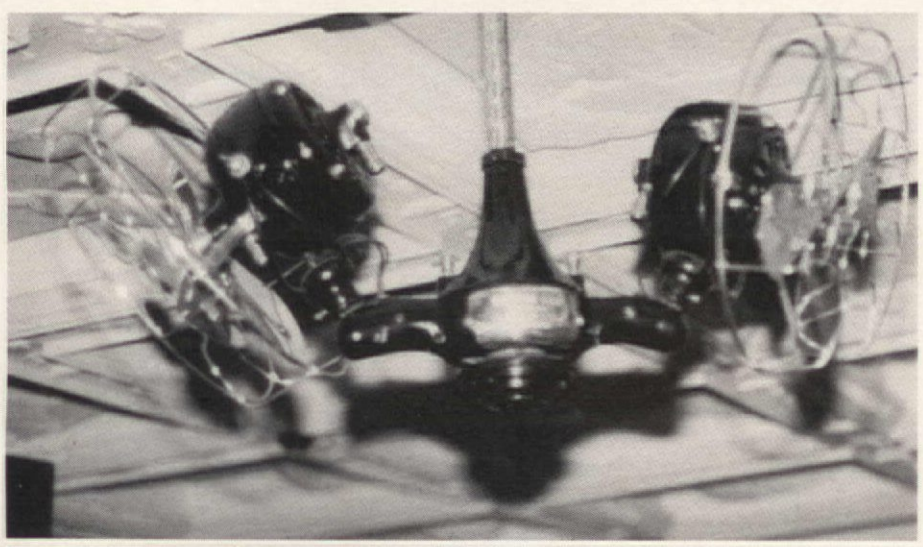
Among the many steel ceiling patterns available from W.F. NORMAN is this plate, No. 270, which is sold in sheets measuring 24 in. x 48 in. *Write in No. 520*



L.H. FREEDMAN replicated the rosettes for the restoration of Memorial Hall at Harvard University. *Write in No. 6390*



Built in 1925, this Art Deco antique fan was given new life and a restored copper finish by THE FAN MAN, Oklahoma.



Snazzy Adams Bagnall "Gyrofans" circa 1910, from THE FAN MAN, Texas, keep patrons cool at one of the "House of Blues" restaurants.



This FISCHER & JIROUCH ceiling medallion combines foliate and floral patterns. *Write in No. 1960*

SourceList 106-110
Portfolio. 112-114

Racking Up A Wine Collection

Specifying and purchasing a wine cellar can mean anything from plugging in a large-capacity "glorified" refrigerator to accommodate a few bottles of inexpensive wine to the custom design and installation of an elaborate and intricately engineered commercial environment to serve the connoisseur of rare and expensive wines.

The place to store wine can range from a passive wine cellar — a cool place where floors and walls exist below grade — to a fully custom, elaborate and intricately designed room that has perfect temperature and humidity control. The type of wine cellar chosen depends on the number of wine bottles to be stored, the value of the wine, the amount of aging they require, and the amount of traffic in and out of the cellar. A badly or inadequately designed wine cellar won't just ruin the quality of the wine, but long before that, may mildew the cork and destroy the label, rendering high-priced wines almost valueless.

Elaborate displays are available for the wine shops, hotels, and restaurants. Large plate-glass windows and etched-glass wood doors are often designed to invite full views. Some restaurants even welcome customers into the cellar to select their wine. Many cellars are also designed to be tasting rooms. Even though the temperature holds at about 55 deg. F., the relative humidity is 65-75 deg. F. This actually makes the room very comfortable.

Two companies in this country seem to cover the range of wine-cellar needs. Fine Wine Rack & Cellar Company, based in San Carlos, Calif., and owned by designer Paul Wyatt, serves a niche market of wineries, high-end residential oenophiles, and a variety of hotels and restaurants around the world; all of the cellars are designed by Wyatt and assembled on site by traveling teams. Jim Deckebach, owner of Wine Racks Unlimited, in Cincinnati, services his broad base of clients with seven designers and engineers who will provide all the help one would need to put together one's own customized stock wine cellar, and has a full roster of wine-rack kits, retail shelving and displays, refrigeration systems, entry doors, and split air-handler systems.

The Custom Wine Cellar

Paul Wyatt got into the business of making wine cellars about sixteen years ago when some drinking buddies cajoled him into building a cellar from scratch. He already had a sophisticated palate and was attending wine events, auctions, and tastings. A industrial-process-control manufacturer by training, Wyatt emigrated from England to work in the computer business. He has built about 5,000 wine cellars by now, does his designs on a Mac, and has cellars in Bangkok, Hong Kong, Singapore, Taipei, Mainland China, Japan, and Australia.

Wyatt's cellars range in size, but all are high-end. "The cost of the wine cellar is relatively low compared to the value of the wine you are protecting," says Wyatt. A ballpark range for his fully assembled wine cellar runs between $10-30/wine-bottle space. "As wine reaches maturity, it may appreciate in value, and some collectors will simply trade up," Wyatt continues, "so the cellar should reflect the type of collecting they're doing."

Fine Wine Rack & Cellar Co. designs cellars using redwood, Philippine mahogany, Peruvian walnut white maple, and Honduras mahogany. They do not approve of using oil-based stains or any finishes in a "proper cellar." They will also reconfigure existing racks and offer many special options and unusual table surfaces. They will incorporate windows, furniture, and objects of art into their designs, as well as mirrored surfaces, decorative arches, and climate-control systems.

Two of the biggest differences between designing a residential cellar vs. a commercial one, according to Wyatt, are *traffic* and *volume*. The residential cellar needs single-bottle storage where one person will pick out one or two bottles periodically. A busy restaurant requires bin storage for a steady stream of wait staff entering and exiting the cellar (and using enough bottles that some of them go directly from case to table); different temperatures for different types of wine (e.g. lower temps for white wine); and different kinds of access to storage.

According to Wyatt, one of the most common problems he encounters is poor vapor barriers. "There are still people who prefer a makeshift or passive cellar with no refrigeration at all." Or a client will start building without consultation and then call him in to install the racks. "Everything's wrong: The refrigeration system is in the wrong place, or they've used an air conditioner. (The technology is similar, but the sizing is totally different.) Air conditioning lowers humidity, which may harm wine. It is the humidity that keeps the cork moist and the bottle perfectly sealed. If the cork is dry, then it must rely on the wine to keep it moist. This allows the wine to escape, and worst of all, air to enter the bottle. This is the beginning of oxidation and the death of wine. Refrigeration units, though, do not cause moisture loss, thus are ideal for cooling a wine cellar.

"Another factor to keep in mind is proper air circulation. A humid cellar will keep the bottles perfectly sealed, but a dripping-wet cellar will cause the labels to rot and fall off the bottles. In those tiny pieces of paper lie the wine's value at auction. Without those labels, the wine is virtually worthless. Proper air circulation prevents the moisture in the air from condensing on the bottles, thus protecting the labels."

Wyatt's cellars get a lifetime warranty. He also has a retrofit/reassembly program, where, if a client commissions a cellar and moves, Wyatt will reconfigure the new cellar, giving the client full credit for the existing system.

The Customized Cellar and Wine Rack "Kits"

Wine Racks Unlimited, in business for twelve years, employs seven architects and engineers who design 40 to 60 wine cellars a day, and will customize to fit any features in their designs, such as a checkout counter. They work in clear all-heart redwood, oak, mahogany, and with a choice of stains and finishes. For large commercial applications, durability of product is important, so Wine Racks Unlimited also offers different types of cart-guarding systems.

Prices for wood racks vary with the degree of customization, as follows: A full custom, clear, all-heart redwood design is $2.86/bottle space; a custom clear redwood design is $1.52/bottle space; clear redwood wine-cellar kits are $1.14/bottle space; and knotty pine wine-cellar kits are $.90/bottle space. (Refrigeration units are priced separately.)

Deckebach figures 70% of his rack business is for the retail shop or homeowner and 30% is commercial. Ten percent of his business comes from selling refrigeration units. Deckebach feels his business broadening internationally and in the retail market. Most commercial shelving until now has been "gondola" style (basic metal). Wine shops are figuring out that they need to display wine more elegantly — and horizontally, especially for their high-end buyers. And, because there are literally thousands of wines, people need time to make a selection. "Frequently, the sale is based on display, so the shop has to have proper storage and ambiance conducive to marketing wine," says Deckebach.

Many of Wine Racks Unlimited's customers buy "off-the-shelf racking," and a large percent of the people buying kits are not refrigerating. But for those who want it, Wine Racks Unlimited offers three styles of refrigeration: (1) a through-the-wall unit (which functions basically like an air conditioner); (2) a split-refrigerator unit with evaporator inside and compressor outside cellar (more like central air conditioning); and (3) the highest quality: a split-air handler with both compressor and evaporator located outside wine cellar. In this third case, both supply and return are ducted into the cellar.

Wine Racks Unlimited sells nationally and internationally through installers; they sell kits and other products through catalogs, offering storage for anything from 12-bottle racks on up (they've done one as large as 28,000 bottles). Business has been increasing at the rate of 58% per year over the last three years, and they expect even greater gains in the coming years. "The customers are becoming more savvy. Restaurants and hotels are trying to bring wine into the visibility of the dining room to stimulate the wine-buying public," notes Deckebach. — *Judith Siegel Lief*

☛For full contact information on both of these companies, see their *SourceList* entries on pp. 106-110.

Specifications for Custom Wine Cellars

by Paul Wyatt, *Fine Wine Rack and Cellar Company*

Below are excerpts from Paul Wyatt's "Standard Cellar Specifications." In addition to what's printed here, specs include comments on variables like insulation, refrigeration, vapor barriers, walls, ceiling, door, floor, finish, wall trim, plumbing, electrical, lighting, seismic considerations, and racking systems. For a complete set of construction specifications, please call Fine Wine Rack and Cellar directly at (650) 591-9463.

■■■

The primary goal of wine storage is to maintain a stable environment in order to ensure both perfect condition for consumption and allow for predictable maturation of younger wines. Proper long-term storage is required to ensure that not only is the wine in perfect condition throughout its life, but also that its character and development remain predictable from bottle to bottle. Additional design considerations include the need to protect the labels from degrading caused by exposure to humidity, mildew, and abrasion.

Custom commercial refrigeration systems are designed using off-the-shelf components specified to match cellar requirements. Custom systems can be tailored to the room size so they are quiet and efficient. Drain lines are an integral part of the system, which insures that excess humidity is removed from the cellar. They do not require an adjacent area for heat transfer because heat can be pumped through Freon lines to a remote location, ideally within about 50 ft.

Commercial systems can be more expensive than their plug-in counterparts, and require installation by a refrigeration engineer. Sizing and positive humidity-control systems are critical.

Continuous exterior vapor barrier is essential for proper climate control in refrigerated cellars. Failure to properly ensure the integrity of this barrier may result in catastrophic failure and destruction of all wine labels within a period of a few days of reaching design temperatures. The vapor barrier must be on the outside of the insulation and recessed light fixtures.

The primary design consideration of wine-racking systems is to ensure good air flow around each bottle to minimize temperature and humidity changes over time. Aesthetic design is also important. Fortunately, neither requirement needs to be sacrificed at the expense of the other. Both goals can be achieved by using an old English design which supports each bottle individually on two fingers of wood.

In order to increase [cellar] efficiency, effectiveness, and reliability of a climate-control system, the most important design considerations are proper insulation and good air flow. Maximizing insulation will optimize the process of climate control; slow down temperature changes, especially during power failures; and minimize long-term storage costs.

While it is possible to approach ideal conditions with a passive cellar in a few areas of the country, most areas will require a refrigeration system to ensure that the correct environment is maintained year-round.



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TRADITIONAL BUILDING's *SourceList* for COMMERCIAL WOOD INTERIORS

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COMPANY	SPECIALTY	Literature	TYPE OF WOOD INTERIOR: Millwork Packages	Casework	Stairs & Parts	Windows	Doors	Paneling	Shutters	Columns/Capitals	Moldings	Carved/Embossed Ornament	Turnings	Bars & Back Bars	Furniture & Store Fixtures	Related Wood Products	% Custom
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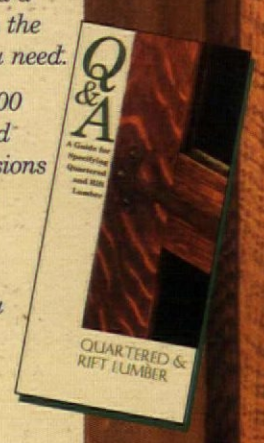
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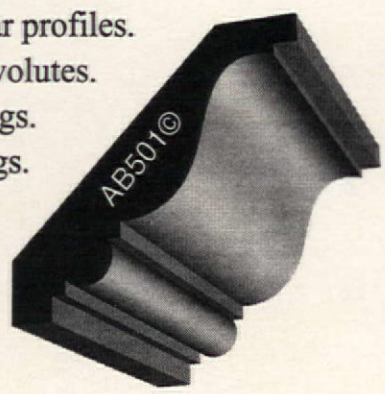
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COMPILED BY LAURA R. ALLEN

COMPANY	SPECIALTY	Literature	TYPE OF WOOD INTERIOR														% Custom
			Millwork Packages	Casework	Stairs & Parts	Windows	Doors	Paneling	Shutters	Columns/Capitals	Moldings	Carved/Embossed Ornament	Turnings	Bars & Back Bars	Furniture & Store Fixtures	Related Wood Products	
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JMS Wood Products 8825 Shirley Ave., Dept. TB Northridge, CA 91324 818-709-8674; Fax: 818-709-8683	Rope moldings from 3/8-in. to 3-in. dia.; rope columns from 4-in. to 24-in. dia. Any lengths, any size, any species. Rope, fluted, and twist designs can be accommodated to furniture or stairs.	Free Write in No. 6320											✔				100%
Kingsland Co. 7 Colebrook Rd., Dept. TB Norfolk, CT 06058 860-542-6981; Fax: 860-542-1752	Windows and doors of Honduras mahogany with special emphasis on ellipses, ovals, and special shapes; multiple glazing options: high-performance glass, SDL, ADL, leaded glass, etc. Full line of mahogany shutters.	Free Write in No. 196				✔	✔		✔							Shutters, screened porches, glass-roof systems	100%
Klitsas, Dimitrios - Fine Wood Sculptor 378 North Rd., Dept. TB Hampden, MA 01036 413-566-5301; Fax: 413-566-5307	Custom carving of wood architectural elements, both interior and exterior, including furniture (all periods), fireplace mantels, stairs, chandeliers, moldings, and other specialty carvings.	Free Write in No. 7380											✔			Mantels	100%
LepoWorks, Inc. 4640 Allentown Rd., Dept. TB Lima, OH 45807 419-339-5370; Fax: 419-339-2787	Designs private, public, and corporate art; interior and exterior works in a multitude of materials, including metal and wood; wood-carving services.	Free Write in No. 1034					✔										100%
Maiman Company 3839 East Mustard Way, Dept. TB Springfield, MO 65803 800-641-4320; Fax: 417-862-3780	True stile-and-rail and raised- and flat-panel doors in over 70 wood species. Fire-rated 20-, 45-, 60-, and 90-min. wood doors and 90-min. door jambs. Doors in over 70 species and 25 elevations.	Free Write in No. 2680					✔										100%
Midwest Architectural Wood Products 300 Trails Rd., Dept. TB Eldridge, IA 52748 319-285-8000; Fax: 319-285-8003	Custom windows and doors with a special emphasis on historic-restoration projects. AWI premium-grade construction; wide variety of glazing and wood-species options. Replacement and storm sash a specialty.	Free Write in No. 1460				✔	✔										100%
Mohamed Wood Turning Co. 28 Meadow St., Dept. TB Brooklyn, NY 11206 718-417-0025; Fax: 718-417-0021	Custom wood spirals, turnings, balusters, and columns in all classical styles; load-bearing for interior or exterior use. Can furnish fluting, reeding, rope twists, and custom carving. Fractional columns available.	Free Write in No. 50											✔				100%
New England Woodturners 130 Ingham Hill Rd., Dept. TB Old Saybrook, CT 06475 860-388-1943; Fax: Same as phone	Column and porch-post lengths up to 16 ft.; diameters to 14 in.; newels, balusters, finials; all styles; any wood specified. Also, path markers with decorative finials; porch or interior stair; short runs.	Free			✔					✔	✔		✔				100%

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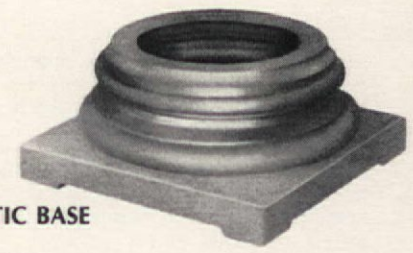
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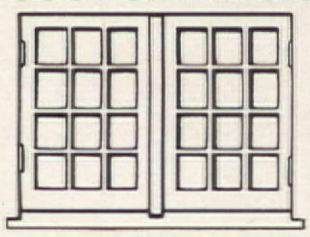
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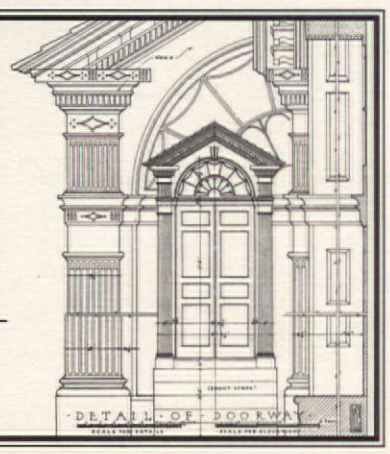
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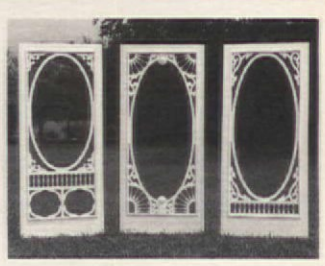
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WRITE IN NO. 1310

TRADITIONAL BUILDING's *SourceList* for COMMERCIAL WOOD INTERIORS

CSI #06410

COMPILED BY LAURA R. ALLEN

COMPANY	SPECIALTY	Literature	TYPE OF WOOD INTERIOR													% Custom
			Millwork Packages	Casework	Stairs & Parts	Windows	Doors	Paneling	Shutters	Columns/Capitals	Moldings	Carved/Embossed Ornament	Turnings	Bars & Back Bars	Furniture & Store Fixtures	Related Wood Products	
Old World Mouldings, Inc. 115 Allen Blvd., Dept. TB Farmingdale, NY 11735 516-293-1789; Fax: 516-293-1908	Manufacturer of ornamentally embossed hardwood moldings and decorative trim.	Free Write in No. 274									✔						20%
Pagliacco Turning & Milling P.O. Box 225, Dept. TB Woodacre, CA 94973 415-488-4333; Fax: 415-488-9372	Standard and custom columns and other turnings in all classical styles. Solid and hollow turnings from 1-5/8-in. to 24-in. x 20 ft.; some load-bearing. Stair parts, railings, balustrades, balusters, and custom work.	Free			✔					✔	✔		✔				80%
Passaic Millwork 229 Central Ave., Dept. TB Passaic, NJ 07055 201-772-9013; Fax: 201-458-0431	Custom circular, elliptic, spiral, curved, and straight stairs, rails, and parts; columns, moldings, radius work, turnings, and fluting to 12 ft.; clear and finger-joint pine moldings in stock; also, poplar and oak.	Free Write in No. 3340	✔		✔	✔	✔		✔	✔	✔		✔			Veneers cut to size	75%
Powell Cabinet & Fixture Co. 1300 Freeport Blvd., Dept. TB Sparks, NV 89431 702-359-4700; Fax: 702-359-4704	Furnish and install complete interior millwork projects, including special finishes for hotels, casinos, restaurants, offices, and banks; detailed drawings and project coordination.	Free Write in No. 8520	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	Complete interiors	90%
Quality Cabinet and Fixture Co. 885 Gateway Center Way, Dept. TB San Diego, CA 92102 619-266-1011; Fax: 619-266-0878	Specialist in high-end architectural woodwork for the hospitality and retail industry.	Free	✔				✔	✔			✔				✔	Architectural woodwork	100%
R.F.R. Assoc., Inc. 6800 Caballero Blvd., Dept. TB Buena Park, CA 90620 714-562-8330; Fax: 714-522-1120	Offers restaurant/hotel/casino clients a complete source for custom architectural millwork and case goods.	Free	✔	✔				✔			✔	✔		✔			100%
Richards-Wilcox / Woodtek 600 S. Lake St., Dept. TB Aurora, IL 60506 630-897-6951; Fax: 630-897-6994	Supplier of Woodtek shelving system, made from steel and high-quality woods (including cherry, oak, maple, and mahogany); 25 standard paint finishes as well as custom paint finishes are available.	Free													✔	Shelving	85%
Ritter Cabinet Manufacturing 2948 29th Ave. SW, Mottman Ind. Pk. Tumwater, WA 98512 360-352-3636; Fax: 360-352-0753	Custom commercial casework: architecturally designed receptions, and high-degree-of-difficulty custom pieces for offices, medical centers, hospitals, banks, schools, and other commercial interiors.	Free Write in No. 371	✔	✔				✔			✔	✔		✔			100%
Schwerd Mfg. Co., A.F. 3215 McClure Ave., Dept. TB Pittsburgh, PA 15212 412-766-6322; Fax: 412-766-2262	Standard and custom wood columns can be furnished with matching pilasters; complete aluminum bases for even-dia. exterior columns; ten styles of ornamental capitals; can match existing columns.	Free Write in No. 1610								✔							95%
Scott Jay Cedar & Millwork 214 Najoles Rd., Dept. TB Millersville, MD 21108 800-888-9337; Fax: 410-987-6827	Manufacturer of custom molding in all species; interior wood windows; interior and exterior wood doors. Supply to residential and commercial buyers.	Free			✔	✔	✔	✔	✔	✔	✔		✔	✔			100%
Taylor Brothers Stair Co. 1305 West 132 St., Dept. TB Gardena, CA 90247 310-324-4973; Fax: 310-527-7342	Custom builders of wood stairs for three generations; can reproduce.	Free Write in No. 141			✔												80%
TimberFab, Inc. P.O. Box 399, Dept. TB Tarboro, NC 27886 800-968-8322; Fax: 919-641-4142	Commercial and residential timber frames, heavy timber trusses, and specialty log and timber supplies. Also, hand-peeled logs; sealants, caulks, and chinking for log houses.	Free Write in No. 5700														Solid-timber millwork, beams	100%
Turning Point, Jeld-Wen P.O. Box 1187, Dept. TB Everett, WA 98206 800-877-9482; Fax: 541-884-2231	Stair parts, including handrails, newels, treads, risers, and balusters in western hemlock; finish sanded.	Free Write in No. 3620			✔												0%
Ventwood 21255 76th Ave. South, Dept. TB Kent, WA 98032 253-395-7170; Fax: 253-395-7271	Source of Ventwood pre-assembled wood panels. This modular system can be used for high-design ceilings, partitions, and acoustical wall applications, as well as sun screens, fences, decks, and benches.	Free													✔	Modular panels	50%
Vintage Lumber Co. 1 Council Dr., P.O. Box 104, Dept. TB Woodsboro, MD 21798 800-499-7859; Fax: 301-845-6475	Random-width t-&-g plank flooring from antique reclaimed oak, chestnut, and other hardwoods. Kiln-dried and milled in various grades and sizes; stair treads, nosings, and rough cabinet lumber. Also, antique barn beams.	Free Write in No. 311			✔			✔								Flooring	50%
Vintage Wood Works P.O. Box R, #2600, Hwy. 34 S., Dept. TB Quinlan, TX 75474 903-356-2158; Fax: 903-356-3023	Exterior and interior Victorian millwork; extensive selection of solid-wood porch parts featured in a 104-page catalog, including turned posts, turned and sawn balusters, railings, brackets, corbels, and custom-length spandrels.	Free Write in No. 1061			✔												20%
Wine Racks Unlimited 2121 Ross Ave., Dept. TB Cincinnati, OH 45212 800-229-9813; Fax: 513-731-8998	Designer and manufacturer of custom wine cellars and wine racks for homeowners, wine stores, grocery stores, wine wholesalers, and vineyards; free CAD drawings.	Free Write in No. 2910					✔				✔				✔	Wine racks, wine cellars	50%
Wohner's, Inc. 29 Bergen St., Dept. TB Englewood, NJ 07631 201-568-7307; Fax: 201-568-7415	Since 1907, this company offers a line of machine-carved, classically styled architectural embellishments: corbels, onlays, mantel parts, panel decorations, moldings, and ornament from hand-carved masters.	Free Write in No. 5590									✔	✔				Mantels	20%
Wood Factory 111 Railroad St., Dept. TB Navasota, TX 77868 409-825-7233; Fax: 409-825-1791	Historically accurate millwork reproductions, interior and exterior: doors, screen doors, gingerbread, benches, gazebo parts, finials, stair parts, railings, porch parts, and custom-turned lighting posts. Specialist in custom mantels.	Free Write in No. 7210			✔		✔			✔	✔		✔				95%
Woodline Co. 1521 W. 14th St., Dept. TB Long Beach, CA 90813 310-436-3771; Fax: 310-436-8891	Architectural wood products: wood carvings and corbels, stair parts, finials, capitals, and posts.	Free Write in No. 5240			✔							✔					75%
Woodstone Co. P.O. Box 223, Patch Rd., Dept. TB Westminster, VT 05158 802-722-9217; Fax: 802-722-9528	Specialist in making high-quality traditional wood windows. Also provides other millwork such as moldings, turnings, casework, doors, etc., in a variety of woods, including exotics.	Free Write in No. 8430				✔	✔										100%
Wood Window Workshop 839 Broad St., Dept. TB Utica, NY 13501 800-724-3081; Fax: 315-733-0933	Custom-built wood windows and doors; historic reproductions; windows with true divided lites; weight-and-pulley balance system for double-hungs; solid-brass hardware; bronze interlocking weatherstripping.	Free Write in No. 9640				✔	✔										100%



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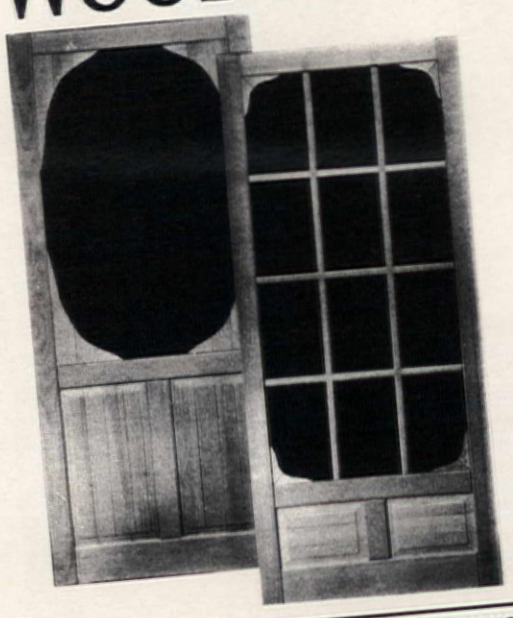
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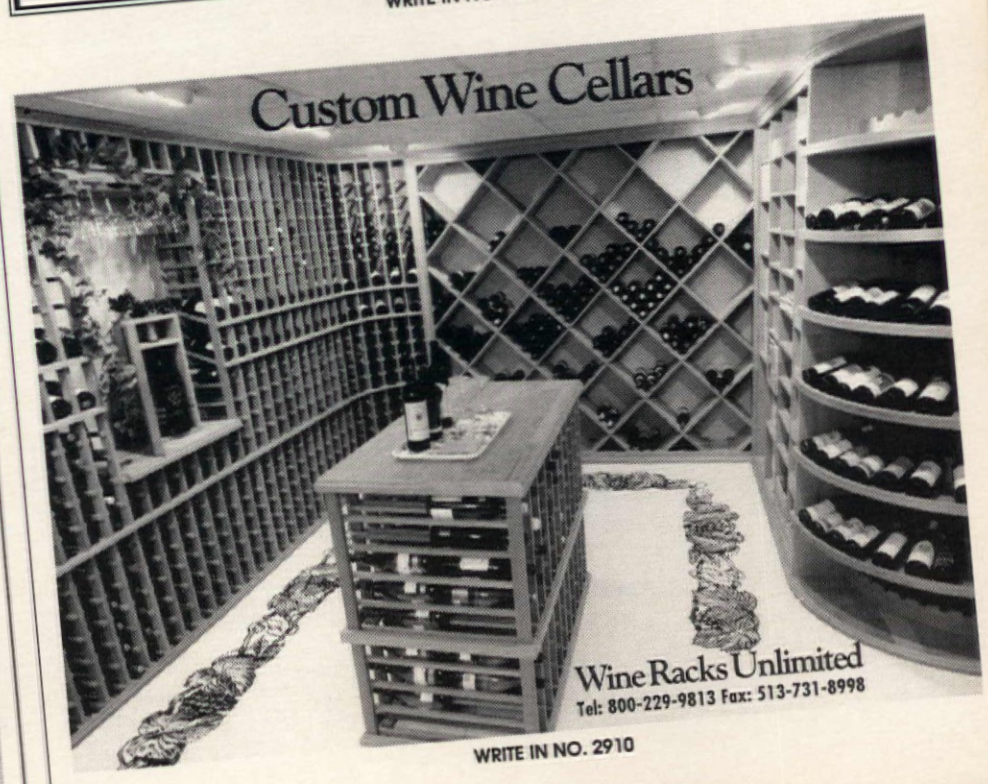
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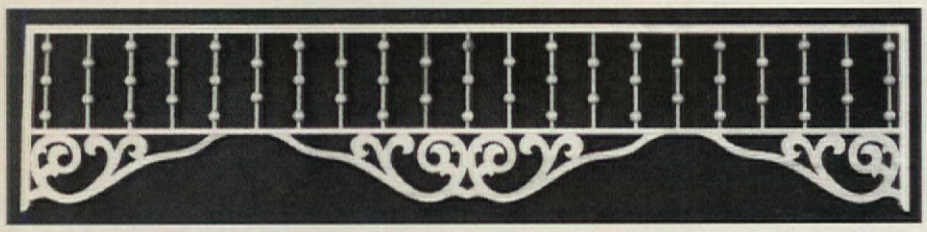
WRITE IN NO. 2910

WOOD INTERIORS PORTFOLIO

For more information on these companies, consult the SourceList on pp. 106-110.



ADAMS STAIR WORKS created custom bookshelf cabinetry for the stately lobby of the Harbor Village Retirement Center in Chicago, Ill. *Write in No. 610*



ANTHONY WOOD PRODUCTS' line of Victorian ornament includes this fretwork, #210F, with ends and center element measuring 15 in., and a minimum length of 72 in. *Write in No. 14*



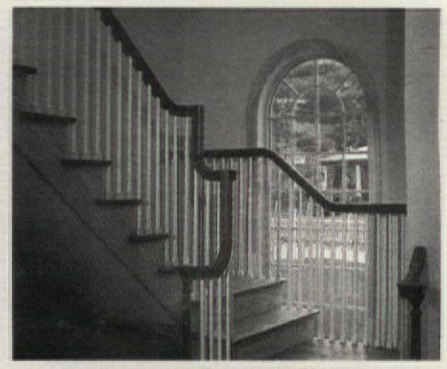
From floor to ceiling (and beyond), the warmth of wood — and the expert work of A&B WOOD DESIGN — graces this custom interior. *Write in No. 2220*



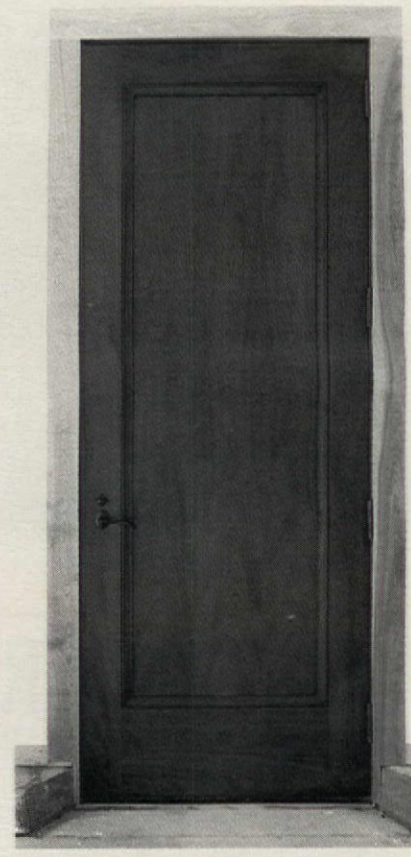
Here are some of the moldings and rail designs available from CUMBERLAND WOODCRAFT CO. for use on bars, back bars, mantels, cornices, counters, and ceiling and wall treatments. *Write in No. 1310*



This indoor pool resides in a barn that was reassembled and restored by THE BARN PEOPLE. *Write in No. 440*



DEER PARK STAIRBUILDING & MILLWORK produces stairs, custom and production, and pre-fabricated railings. *Write in No. 1107*



This richly-grained mahogany full-panel interior door was built by GRABILL. *Write in No. 1910*



DYKES LUMBER supplied the L.J. Smith stair parts and custom Kolbe & Kolbe window for this installation in Upper Saddle River, N.J. *Write in No. 3100*

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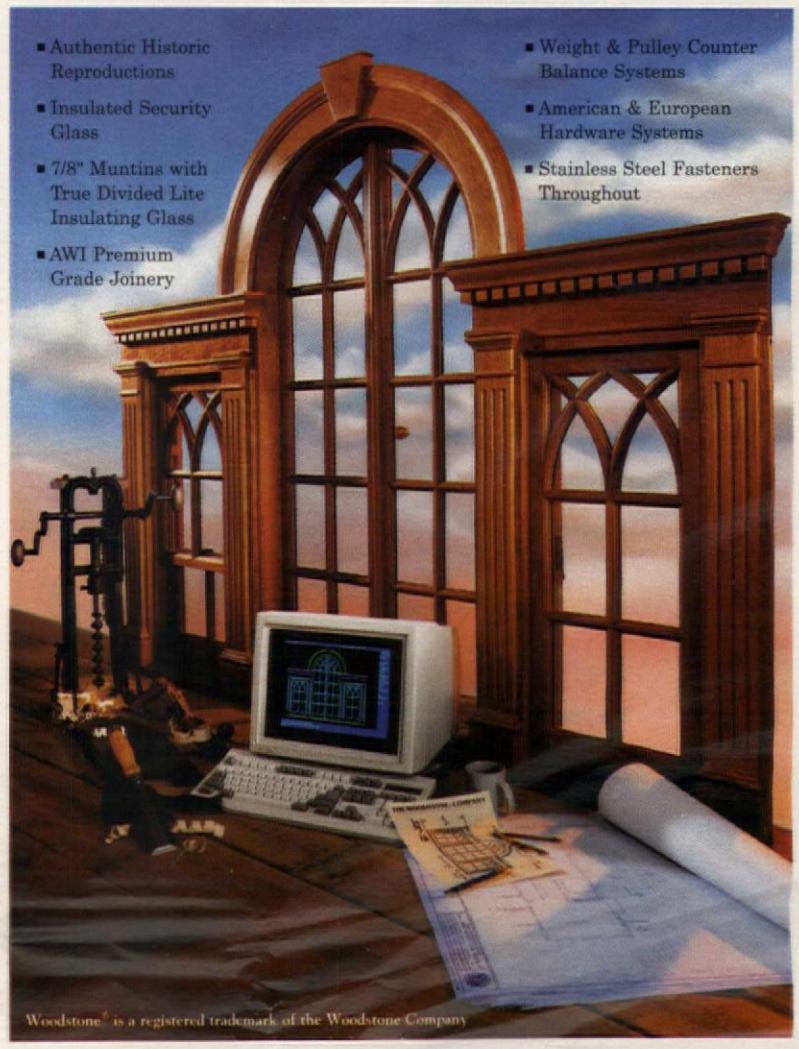
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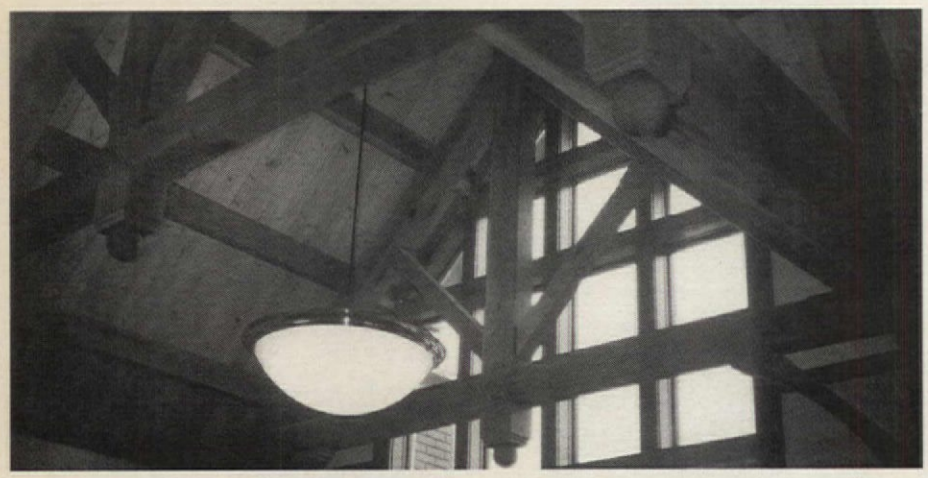
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WRITE IN NO. 8430

WOOD INTERIORS PORTFOLIO

For more information on these companies, consult the SourceList on pp. 106-110.



TIMBERFAB's timber-frame trusses can be simple collar-ties or more-elaborate designs, such as this impressive capped truss. The exposed-beam look has become very popular in restaurants. *Write in No. 5700*



OLD WORLD MOULDING AND FINISHING, INC., offers a full range of wood moldings and custom millwork for both commercial and residential interiors. *Write in No. 274*



Working in Honduras mahogany, KINGSLAND offers handsome entranceways, built from the company's own custom designs or following your specifications. This one measures 7 ft. x 8 ft. 6 in. and has a transom and sidelights with 3/8-in. lead came and restoration glass. *Write in No. 196*



Making precise reproductions of a vintage window for an historic renovation project is a specialty of the craftspeople at MIDWEST ARCHITECTURAL WOOD PRODUCTS. *Write in No. 1460*



POWELL CABINET & FIXTURE CO. created a Yukon look for this steakhouse entrance, employing cast trees and a range of figured wood. *Write in No. 8520*



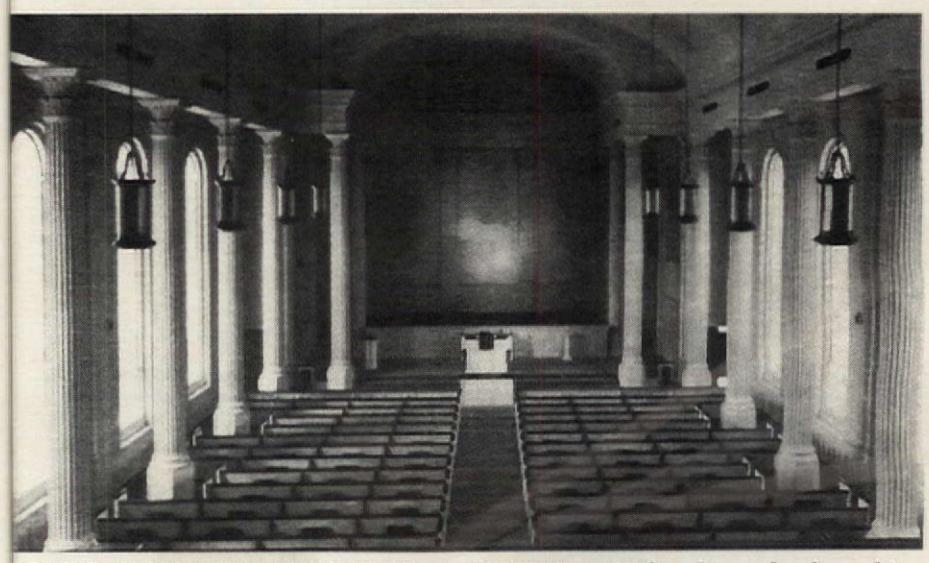
The dining area of the City of Macon Club, in Macon, Ga., is ornamented with columns and capitals from CHADSWORTH'S 1.800.COLUMNS. *Write in No. 180*



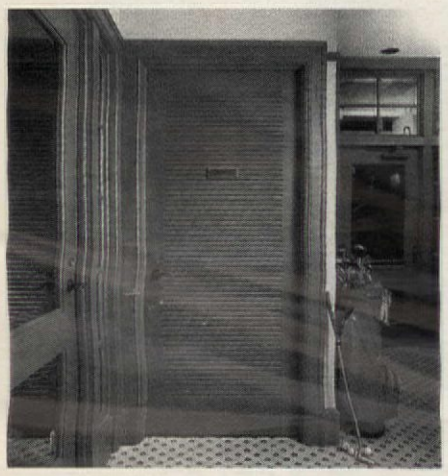
The careful examination of lumber by knowledgeable inspectors is the secret at FRANK MILLER LUMBER COMPANY for maintaining high standards of quality on its rift-sawn hardwoods. *Write in No. 324*



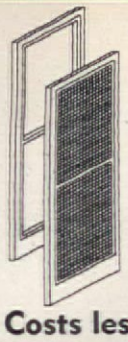
A seemingly endless array of balusters and posts flows from MOHAMAD WOOD TURNING, where all types of custom spiral and turning pieces can be made. *Write in No. 50*



SCHWERD MANUFACTURING CO. supplied 24-in.-x-24-ft. columns for the architects of the First Presbyterian Church in Johnson City, Tenn. *Write in No. 1610*



MAIMAN CO. created louver doors for a golf club in Oklahoma, including the one shown here, MC-304. In addition to a range of louvered doors, the company also produces a number of stile-and-rail fire-rated wood doors for commercial projects. *Write in No. 2680*



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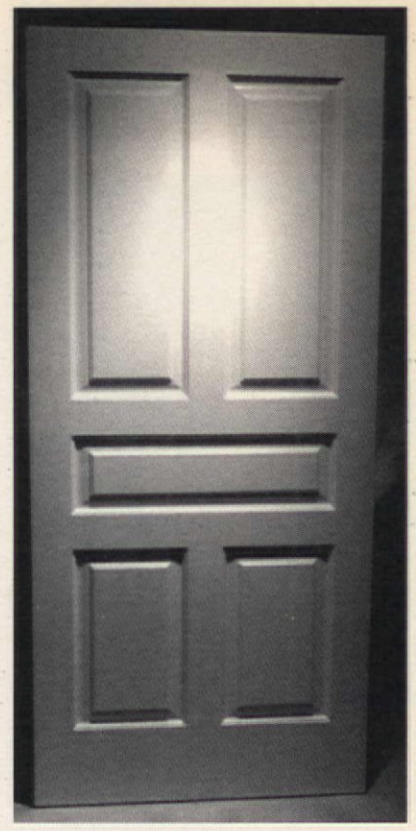
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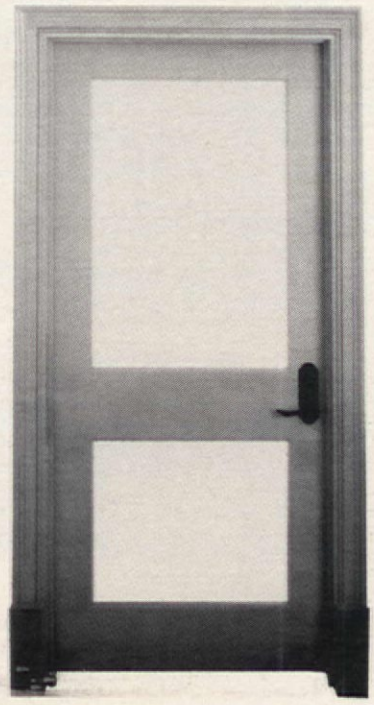
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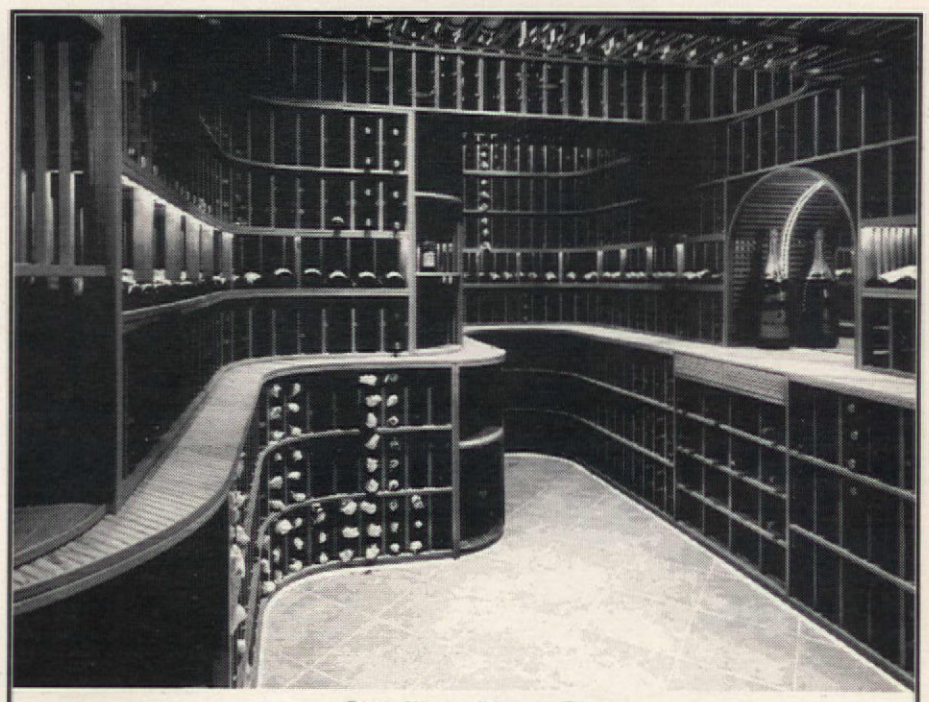
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WOOD INTERIORS PORTFOLIO

For more information on these companies, consult the SourceList on pp. 106-110.



Smooth columns, stair handrails, newels, treads, risers, and balusters are among the interior wood products from TURNING POINT. *Write in No. 3620*



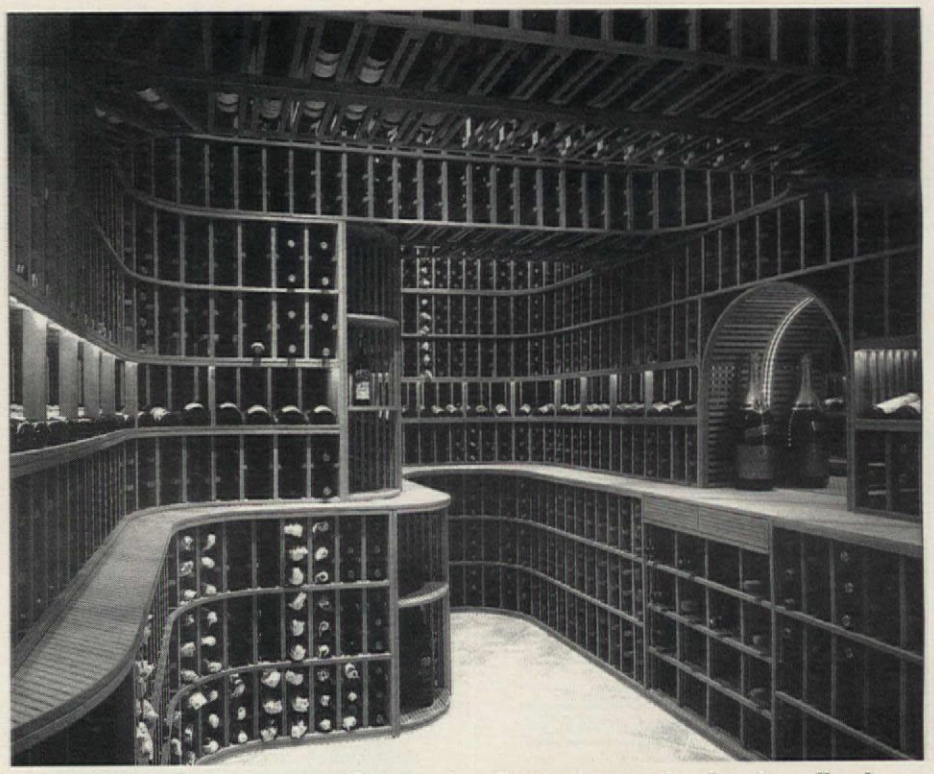
The manufacture of elegant wooden stairs and rails, from the simplest design to the snakiest circular curves, is a way of life for TAYLOR BROTHERS STAIR CO. *Write in No. 141*



This classical grape pattern twists around a wood column from ENKEBOLL WOOD CARVING, providing a festive and elegant element for a bar or restaurant. *Write in No. 5770*



The whimsical metalwork of this rail system rail is well complemented and softened by the compound curves of PASSAIC MILLWORK's wood rail. *Write in No. 3340*



Exotic woods, custom design, and custom installation characterize the wine cellar designs of FINE WINE RACK & CELLAR CO. *Write in No. 150*



Diamond bins, quarter-round displays, and a number of other options are available in a broad range of racking kits from WINE RACKS UNLIMITED. *Write in No. 2910*

Instant Access to Product Literature for WOOD INTERIORS

If your office qualified to receive the 1997 TRADITIONAL BUILDING CATALOG, you'll find prefiled and indexed product literature there for the following suppliers of Wood Interiors:

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Beautiful Homes Supply · Chadsworth's 1.800.Columns
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Dreaming Creek Timber Frame Homes
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HB&G · Klise Mfg. Co. · Schwerd Mfg.
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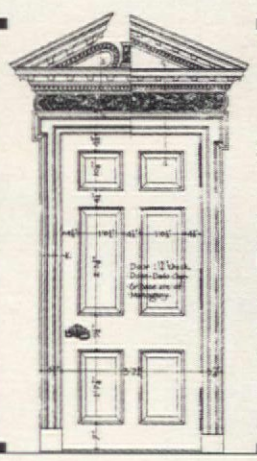


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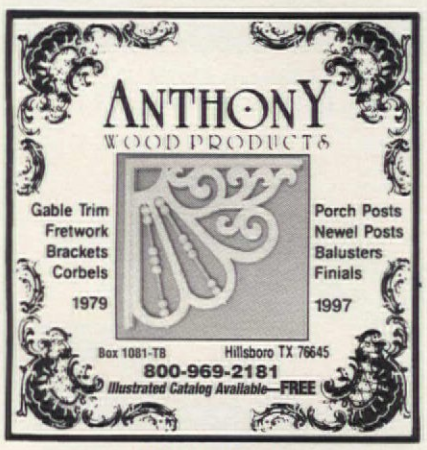
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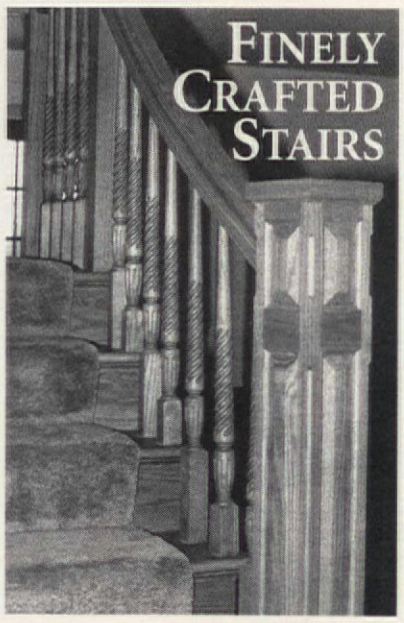
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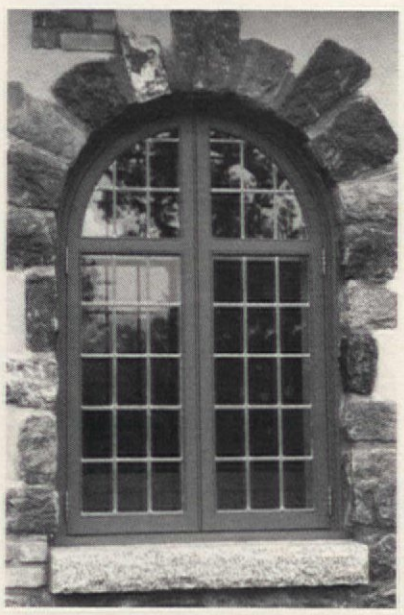
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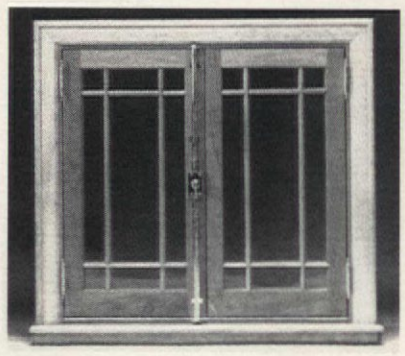
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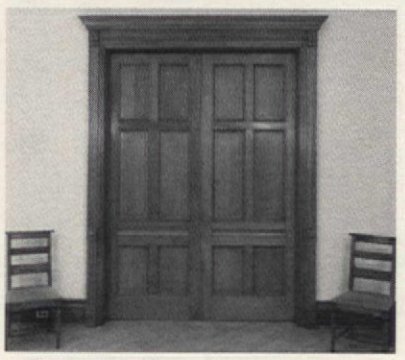
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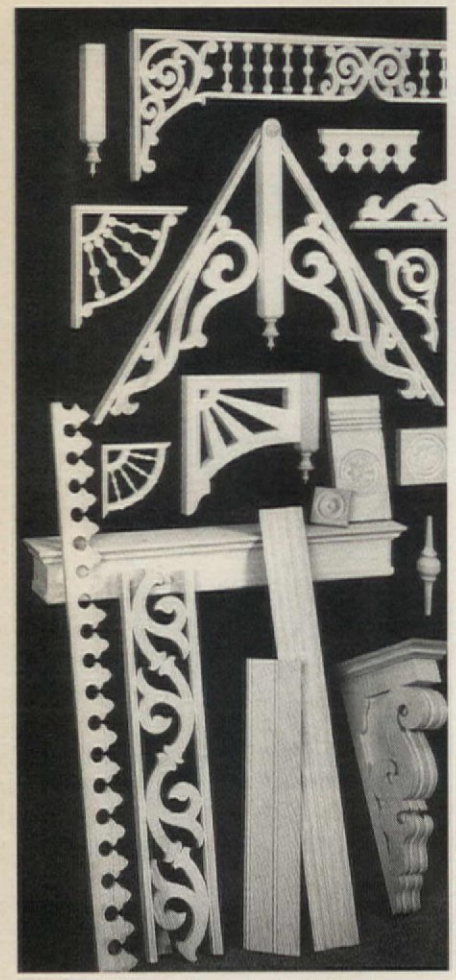
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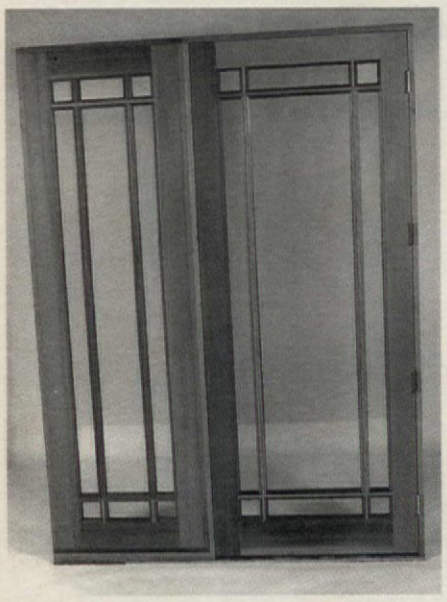
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Wood Interiors Portfolio

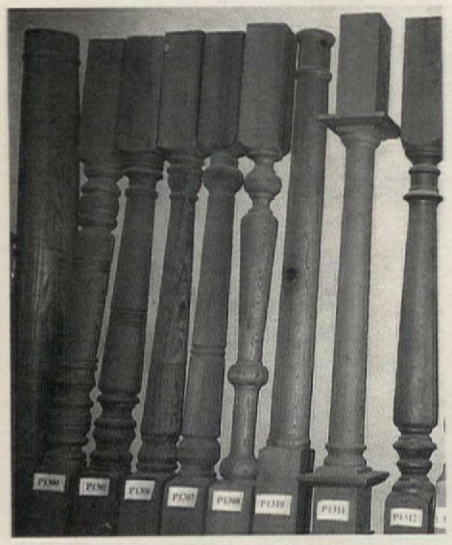
For more information on these companies, consult the SourceList on pp. 106-110.



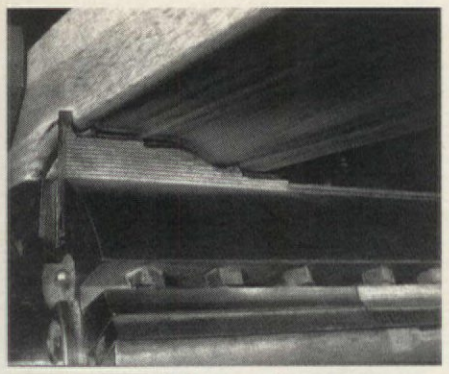
The Victorian millwork available from VINTAGE WOOD WORKS can be used on interior or exterior projects. *Write in No. 1061*



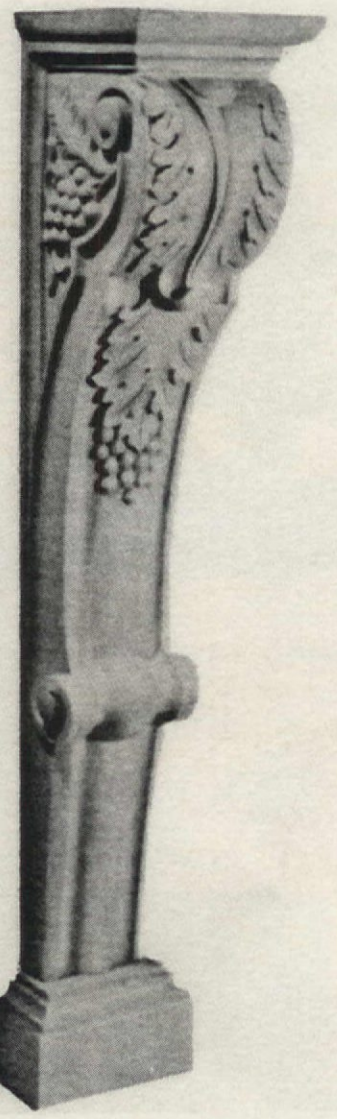
State-of-the-art glazing combines with traditional design in the windows manufactured by CEDAR WINDOWS & DOORS BY BERGERSON. *Write in No. 85*



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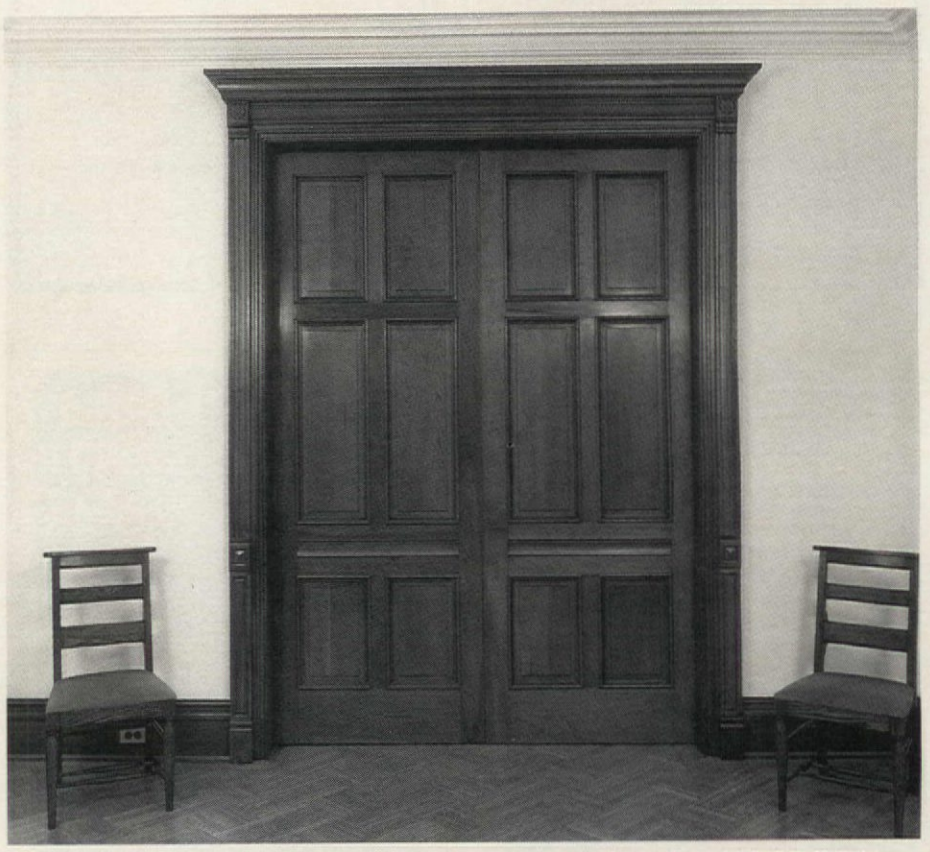


Among the many standard wooden elements manufactured by WOODLINE is this carved bracket, ideal for a mantel or similar architectural detail, which stands 42 in. high. *Write in No. 5240*

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The circular crown moldings and arched-face frames shown in this library are standard offerings from HENDRICKS WOODWORKING, in a range of wood species. *Write in No. 3570*



Don't let the name fool you — you can also get dynamite doors from WOOD WINDOW WORKSHOP. Case in point: these two cherry panel doors, made for a New York music school. *Write in No. 9640*



The millwork available from HERITAGE DOOR includes custom-designed bars — the columns, bar rail, and back bar are all varying options. *Write in No. 1350*

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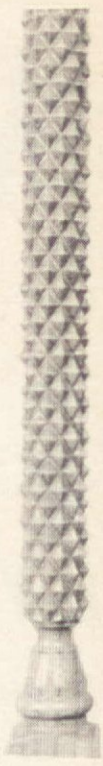
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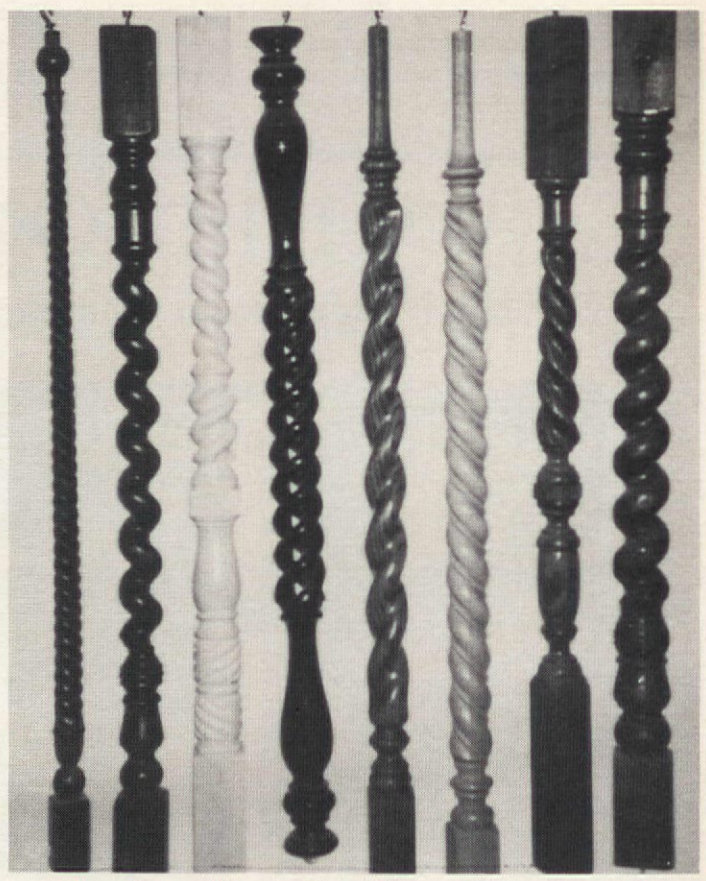
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WRITE IN NO. 274

SourceList 124-126
Portfolio. 120, 128-130

A Spectrum of Materials for Ornament

No matter which of the many available plasters, composites, and resinous materials are used, interior molded ornament is one of the most flexible — and versatile — decorative options for a commercial interior.

Molded ornament is so gratifyingly flexible: Designs can be quickly and easily conveyed from an architect's drawings to a finished architectural or decorative element. Or duplicates of existing pieces can be easily cast using the range of latex or synthetic-resin molding compounds available today.

One sculptor we know likens molding and casting materials to scholarly languages: One language might be better suited than another in communicating a specific idea, while in design, certain materials lend themselves to differing casting and molding applications.

The range of materials for casting includes plasters, gypsums, epoxies, resins, and thin-shell composites. Moldmaking compounds include a variety of rubber compounds, silicones, and even gelatines.

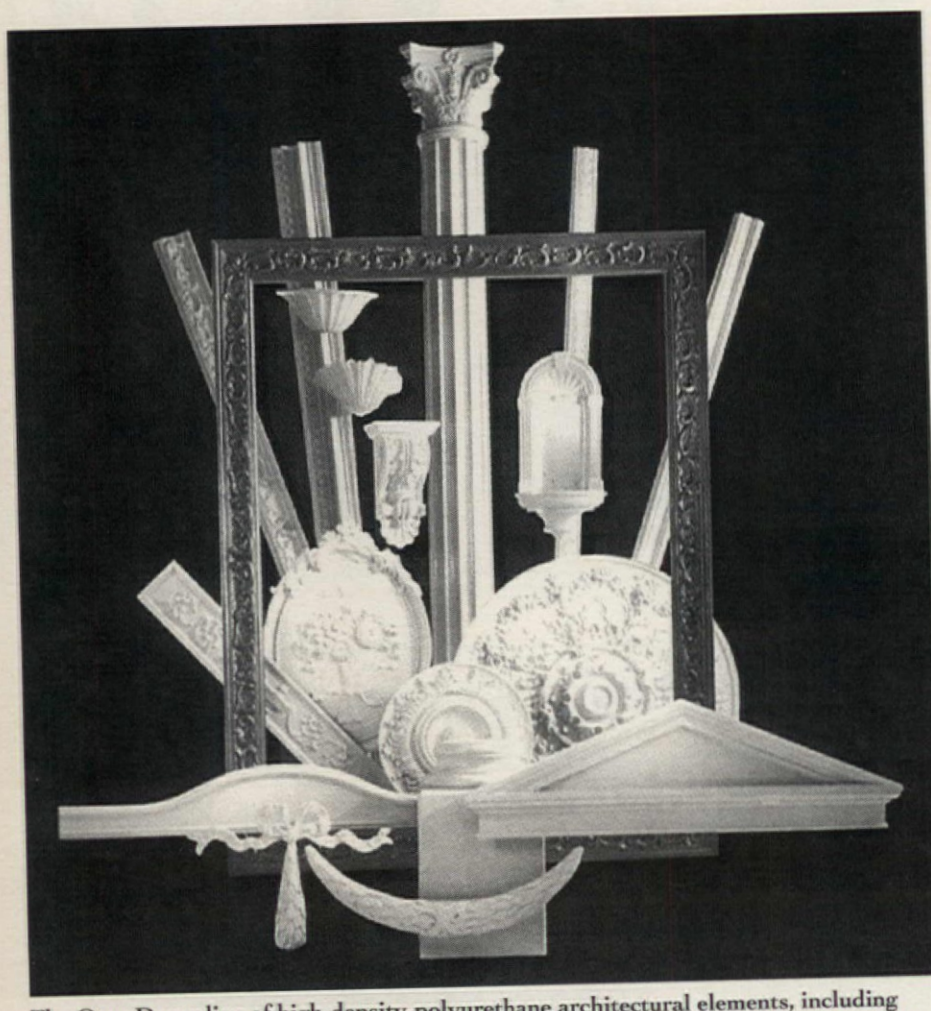
Plaster is the paterfamilias of casting compounds. (Even the pharaohs used plaster on the interiors of tombs that can still be seen today.) It's one of the materials made as both a stock and custom option for today's designer. While ideal for a grand ceiling ornamentation, with its fryable characteristics, plaster is not the material to use in high-traffic areas. Fiber-reinforced plastics and polymer-modified gypsums, however, have good impact resistance and high strength-to-weight ratio, and would be a good material in such situations.

To present the range of ornamental options in molded materials, the Editors surveyed 232 suppliers of interior molded ornament in our database. From the responses, we selected the 41 you'll find on pp. 124-126 who represent a good cross section of the marketplace.

From custom studios who can cast replicas in just about any material to distributors and manufacturers with huge stock catalogs, you'll find a vast selection for today's marketplace, both commercial and residential alike. — *LRA*

MOLDED ORNAMENT PORTFOLIO

For more information on these companies, consult the SourceList on pp. 124-126.



The Orac Decor line of high-density-polyurethane architectural elements, including ceiling medallions, columns, and door and wall surrounds, is available through ARCHITECTURAL PRODUCTS BY OUTWATER. *Write in No. 4954*



To create an old-time soda-fountain feeling, this restaurant used FYPON panels #946, #947, and the #78 rosette, painting them bright, festive colors. *Write in No. 6170*

Instant Access to Product Literature for MOLDED ORNAMENT PRODUCTS

If your office qualified to receive the 1997 TRADITIONAL BUILDING CATALOG, you'll find prefiled and indexed product literature there for the following suppliers of Molded Ornament Products:

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Fischer & Jirouch • Flex Moulding, Inc. • Haddonstone • Hartmann Sanders
Hayles & Howe • HB&G • Liberty Stone Corp. • Modeworks • Schwerd
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A steamed molded composition element from BOMAR DESIGNS will self-bond to this surface, and can be seamlessly finished with paint, gold leaf, or stain. *Write in No. 2810*



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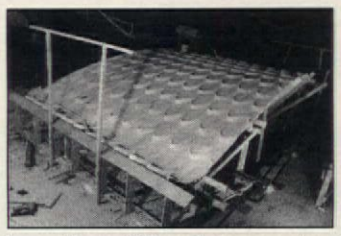
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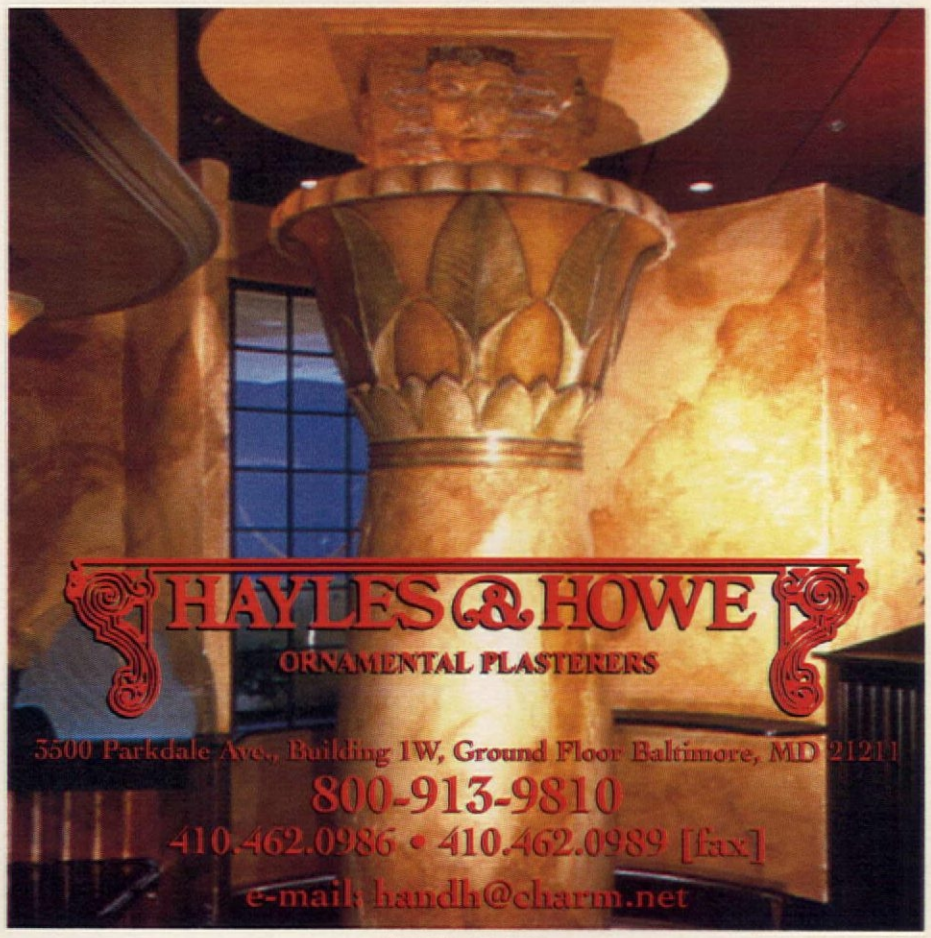
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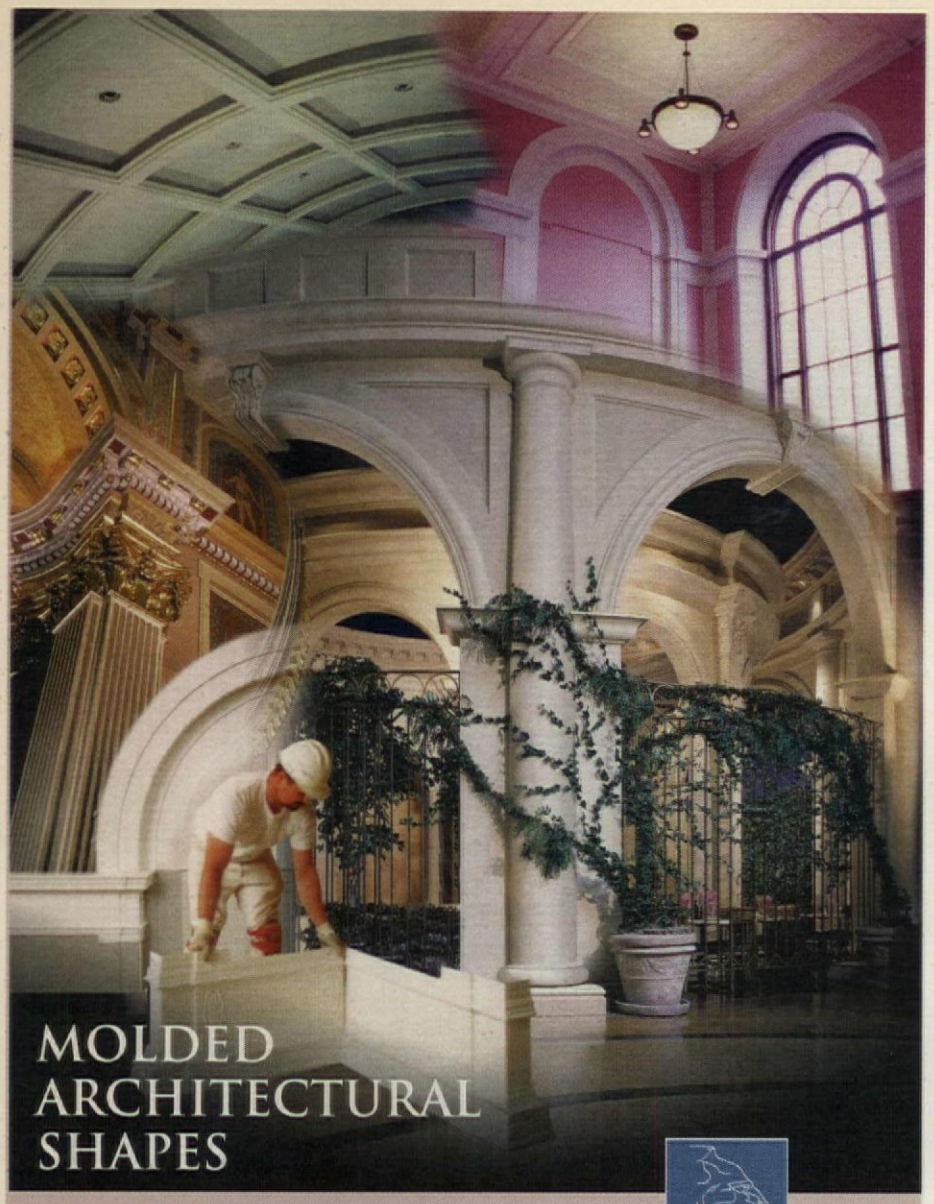
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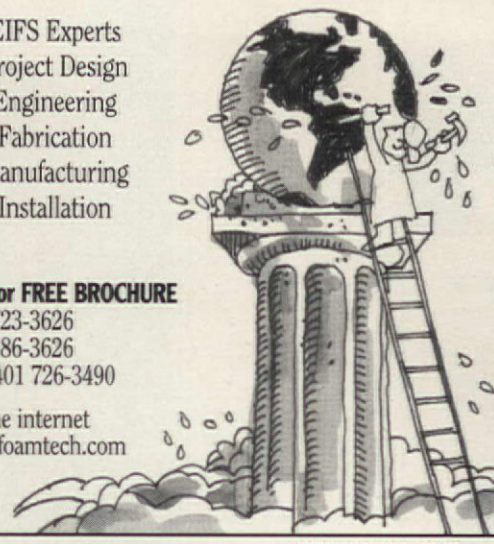
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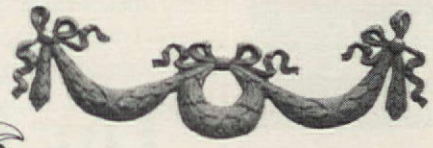
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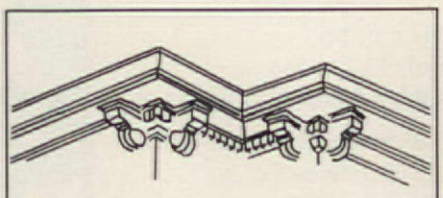
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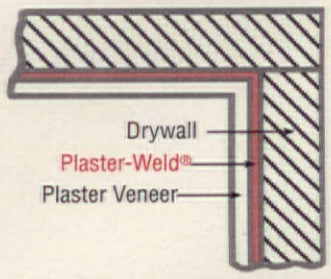
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WRITE IN NO. 1960

TRADITIONAL BUILDING's MOLDED ORNAMENT *SourceList*

CSI# 09230

COMPILED BY LAURA R. ALLEN

COMPANY	SPECIALTY	Literature	TYPE OF ORNAMENT: Cornice Moldings	Columns & Capitals	Mantels	Door/Window Surrounds	Ceiling Medallions	Niches	Domes	Other	Materials	Moldmaking Materials	% Custom
A&M Victorian Decorations, Inc. **2411 Chico Ave., Dept. TB** **South El Monte, CA 91733** **626-575-0693; Fax: 626-575-1781**	Manufactures many architectural elements in either gypsum or precast concrete: columns, molding, mantels, balustrades, wall caps, pavers, quoins, stair treads, planters, fountains, and gazebos; custom designs and finishes.	Free Write in No. 7470	✔	✔	✔	✔	✔	✔	✔	Corbels, sconces	Gypsum, precast concrete, cast stone, sandstone		50%
Abatron, Inc. **5501 95th Ave., Dept. TB** **Kenosha, WI 53144** **800-445-1754; Fax: 414-653-2019**	MasterMold compounds for moldmaking, casting compounds; LiquidWood penetrating; epoxy restoration systems; WoodEpox epoxy wood-paste filler; Abocrete for restoring concrete; Abojet resins for crack injection. Technical support.	Free Write in No. 1300									Casting compounds, release agents	✔	0%
Archer Sculpture **275 West, 400 North, Dept. TB** **Salt Lake City, UT 84103** **800-785-6531; Fax: 801-328-9150**	Specialist in sculpting the human form in freestanding or bas-relief formats; from small interior pieces to monumental works.	Free Write in No. 1076									Sculpture		100%
Archicast **2527 Broad St., Dept. TB** **Memphis, TN 38112** **901-323-8717; Fax: 901-323-8717**	Custom caster, moldmaker, and sculptor repairs and reproduces ornamental work in precast concrete, cast stone, GRG, plaster, polymers; capitals, bases, and other elements. Molds in stock.	Free Write in No. 304	✔	✔			✔	✔	✔	Brackets, curved moldings	GRG, plaster, polymers		75%
Architectural Facades Unlimited **1990 Stone Ave., Dept. TB** **San Jose, CA 95125** **408-298-2758; Fax: 408-297-8014**	Custom interior and exterior precast architectural ornamentation. On-site, full-service drawings, patterning, moldmaking, casting of columns, balustrades, cornices, mantels, floor and wall fountains. Cement, plaster, GFRC, and GFRG.	Free brochure, catalog $20, refundable with order Write in No. 1470	✔	✔	✔	✔		✔	✔	Sconces, corbels	GFRC, GFRG		50%
Architectural Products by Outwater **P.O. Box 347, Dept. TB** **Wood-Ridge, NJ 07075** **800-631-8375; Fax: 800-888-3315**	Major stocking supplier of more than 20,000 ready-to-ship products, which include interior molded ornaments; products include stock and custom "Orac Decor" polyurethane millwork and "flexible moldings" as well as stock aluminum, metal clad, and wood moldings.	Free Write in No. 4934	✔	✔	✔	✔	✔	✔	✔	Moldings, wainscoting, ceiling tiles	Molded polymer, polyurethane, aluminum, MDF, aluminum, wood, resin		12%
Architectural Reproductions **525 North Tillamook St., Dept. TB** **Portland, OR 97227** **503-284-8007; Fax: 503-281-6926**	Produces interior and exterior work in cast plaster and cast stone, as well as glass-fiber-reinforced thin-shell materials with integral finishes and applied coatings. Shop drawings, modeling, and moldmaking services.	Free Write in No. 6130	✔	✔		✔			✔		Plaster, GRG, polymer-modified gypsum		90%
B&H Art in Architecture, Ltd. **201 Allen St., #2C, Dept. TB** **New York, NY 10002** **212-420-1584; Fax: 212-475-3489**	Architecture, garden, and fine-art sculpture; design, can follow blueprint, photo, or existing model, live model; interior and exterior, any material and size.	Free Write in No. 1009	✔	✔		✔		✔			Precast concrete, plaster		0%
Ball Consulting **338 14th St., Ste. 201, Dept. TB** **Ambridge, PA 15003** **412-266-1502; Fax: 412-266-1504**	Supplies Forton modified-gypsum casting system for creating interior and exterior architectural and landscape elements. Consulting and technical service. GFRC and Polytek mold-making materials. Studio for training and prototyping.	Free Write in No. 7260									Forton MG casting system	✔	100%
Bomar Designs **5 Peoria St., #119, Dept. TB** **Louisburg, KS 66053** **913-837-3202; Fax: 913-837-3256**	Reproductions of wood carvings and architectural details for interior use; when steamed, they will adhere to any surface, including wood, plastic, metal, and glass. Variety of designs available.	Free Write in No. 2810			✔		✔			Reproduction compo elements	Compo ornament		25%
Cumberland Woodcraft Co. **P.O. Drawer 609, Dept. TB** **Carlisle, PA 17013** **800-367-1884; Fax: 717-243-6502**	Complete line of architectural and period millwork, fixtures, and decorative treatments. Commercial projects range from ornate bars to libraries and entertainment centers. Also carvings, brackets, appliques, fretwork, grilles, storm & screen doors, mantels, porch swings, moldings, balustrades, and rails. Made in different wood species; many available in plastic (Orac).	Free brochure, catalog $5 Write in No. 1310		✔	✔	✔	✔	✔	✔		Hardwoods, oak, polyurethane, other polymers		35%
Decorators Supply Corp. **3610-12 S. Morgan St., Dept. TB** **Chicago, IL 60609** **773-847-6300; Fax: 773-847-6357**	14,000 patterns for period architectural elements and molded ornament, from ceiling medallions to mantels, in plaster of paris, compo, and wood since 1893.	Free brochure, set of 5 catalogs $30 Write in No. 210			✔		✔				Plaster of paris, composition ornament, wood		15%
Felber Ornamental Plastering Corp. **P.O. Box 57, Dept. TB** **Norristown, PA 19404** **800-392-6896; Fax: 610-275-6636**	Stock line of pilaster and column capitals; custom work; consultants, pattern-makers, and fabricators of cornices (interior and exterior) and other architectural ornament in Forton MG and plaster. Historic restorations a specialty.	Free Write in No. 2890	✔	✔	✔	✔	✔	✔	✔	Period ceilings, coffers	Plaster, GRG, polymer modified gypsum		75%
Fischer & Jirouch **4821 Superior Ave., Dept. TB** **Cleveland, OH 44103** **216-361-3840; Fax: 216-361-0650**	Wide selection of hand-crafted plaster architectural ornament for interior and exterior applications, including columns, capitals, ceiling medallions, and fireplace mantels.	Free Write in No. 1960		✔	✔		✔				Plaster		20%
Flex Moulding, Inc. **16 E. Lafayette St., Dept. TB** **Hackensack, NJ 07601** **201-487-8080; Fax: 201-487-6637**	This company offers over 3,000 flexible and rigid moldings, spot decorations, simulated wood carvings, and more; rigid and flexible materials; custom casting and moldmaking capabilities. Restoration casting.	Free Write in No. 4900	✔	✔		✔	✔			Rosettes, cast ornaments, custom casting	Polyester resin	✔	40%
Foam Technology/Symmetry Products **20 Moshassuck Rd., Dept. TB** **Lincoln, RI 02865** **401-723-3626; Fax: 401-726-3490**	Designs and manufactures foam with hard-polymer finishes for cornices, cupolas, and domes; lightweight and structural; no mold charge; said to be more cost-effective than fiberglass or precast; range of integral colors and finishes.	Free Write in No. 4140	✔	✔	✔	✔	✔		✔	Rosettes, wall decor	Polymer foam, cast urethane		90%
Freedman Studios, L.H. **368 Congress St., 5th floor, Dept. TB** **Boston, MA 02210** **617-426-8887; Fax: Same as phone**	Sculpture studio specializing in preservation, conservation, restoration, custom art design, environmental design, and architectural detail. Casting and moldmaking a specialty. Materials include simulated marble and gilded ornament.	Free Write in No. 6390	✔	✔	✔		✔			Friezes, fountains	FRG, polymer-modified gypsum, cement		100%
Fypon, Ltd. **22 West Pennsylvania Ave., Dept. TB** **Stewartstown, PA 17363** **800-537-5349; Fax: 717-993-3782**	Offers a full line of over 3,500 molded architectural elements: window features, turnings, columns, brackets, and more in high-density polymer and other polymers. Line of load-bearing polymer/steel columns.	Free Write in No. 6170	✔	✔	✔	✔	✔	✔	✔	Railing systems	Molded polymer		20%
Goodwin Associates **P.O. Box 18605, Dept. TB** **Rochester, NY 14618** **716-248-3320; Fax: 716-387-0153**	Large selection of architectural details in a variety of materials; appropriate for interior and exterior use; licensed historic molded products; custom products available.	Free	✔	✔	✔	✔	✔	✔	✔		Molded polymer, hardwoods, GRG, Fiberglass composite		25%
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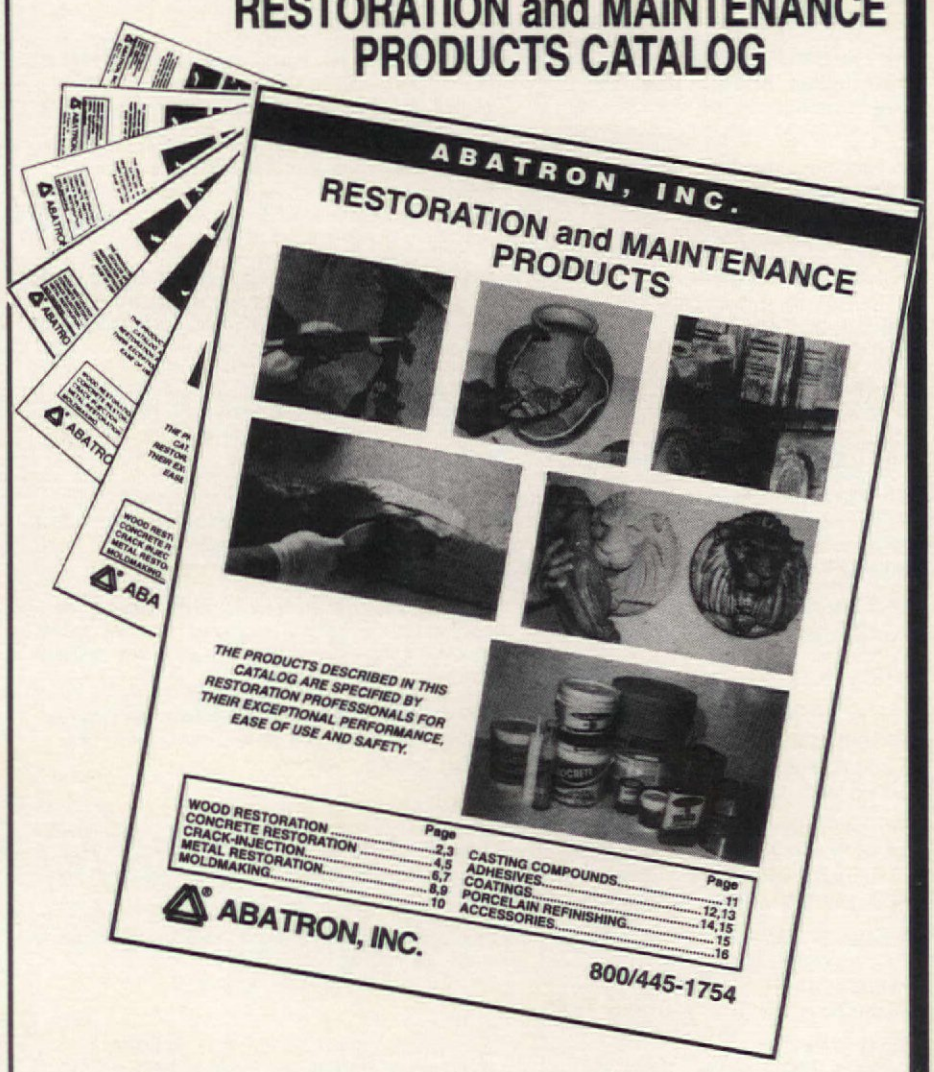
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WRITE IN NO. 1300

TRADITIONAL BUILDING's MOLDED ORNAMENT *SourceList*

CSI# 09230

COMPILED BY LAURA R. ALLEN

COMPANY	SPECIALTY	Literature	TYPE OF ORNAMENT: Cornice Moldings	Columns & Capitals	Mantels	Door/Window Surrounds	Ceiling Medallions	Niches	Domes	Other	Materials	Moldmaking Materials	% Custom
JA Sculpture & Casting Supplies **50 Princeton-Hightstown Rd.** **Princeton Junction, NJ 08550** **800-732-7203; Fax: 609-936-7206**	Supplies moldmaking materials, tools, and other products for sculpture production.	Free Write in No. 3800										✔	N/A
Landmark Studios **59 Lower Kingtown Rd., Dept. TB** **Pittstown, NJ 08867** **908-730-8895; Fax: 908-730-8851**	Custom modeling, moldmaking, and casting. Replication of stone, terra cotta, scagliola, and plaster. On-site (exterior and interior) restoration of existing stone and plaster work. Field molds taken and 'dutchman' repairs made.	Free Write in No. 5000	✔			✔					GRG, scagliola, plaster		90%
Larsen Products Corp. **8264 Preston Ct., Dept. TB** **Jessup, MD 20794** **800-633-6668; Fax: 301-776-2723**	Surface-applied bonding agents for interior and exterior applications of plaster; acrylic admixture to modify portland cement, plaster, and mortar.	Free Write in No. 226									Bonding agents		N/A
LepoWorks, Inc. **4640 Allentown Rd., Dept. TB** **Lima, OH 45807** **419-339-5370; Fax: 419-339-2787**	Designs private, public, and corporate art; interior and exterior works in a multitude of materials, including metal and wood; wood-carving services.	Free Write in No. 1034								Sculptural elements			100%
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Moldmaking & Design, Inc. **117 South Cook St., #215, Dept. TB** **Barrington, IL 60010** **847-277-0889; Fax: 847-277-0901**	Sculptural studio makes molds and castings for architectural restoration (including on-site work), sculptural fabrication, concept prototyping. Castings done in urethane resins, metals, faux metal, faux stone, and other materials.	Free Write in No. 7270								Custom castings	Urethane resins, metals, faux metal, faux stone		100%
Moonlight Molds, Inc. **17110 South Main St., Dept. TB** **Gardena, CA 90248** **310-538-9142; Fax: 310-538-9717**	Architectural cast products (columns, capitals, cornices, brackets, balustrades, etc.) in a wide range of materials, colors, and textures; standard and custom shapes.	Free	✔	✔	✔	✔	✔	✔	✔	Brackets, bas reliefs	GRG		50%
New England Woodturners **130 Ingham Hill Rd., Dept. TB** **Old Saybrook, CT 06475** **860-388-1943; Fax: Same as phone**	Column and porch-post lengths up to 16 ft.; diameters to 14 in.; newels, balusters, finials; all styles; any wood specified. Also, path markers with decorative finials; porch or interior stair; short runs.	Free		✔									100%
Perma-Flex Mold Co., Inc. **1919 East Livingston Ave., Dept. TB** **Columbus, OH 43209** **614-252-8034; Fax: 614-252-8572**	Liquid molding compounds; liquid rubbers for flexible molds; pourable and brush-applied; very soft to rigid systems; polyurethane and RTV silicone. Call for technical assistance with your product selection.	Free Write in No. 7340									Casting resins	✔	N/A
Polytek Development Corp. **55 Hilton St., Dept. TB** **Easton, PA 18042** **610-559-8620; Fax: 610-559-8626**	Manufacturer of liquid rubber and liquid plastics for flexible molds and castings, used for quality reproduction of carvings, sculpture, interior and exterior architectural ornaments, and restoration.	Free Write in No. 6360									Liquid rubbers and plastics	✔	N/A
Precision Converting **2500 Central Pkwy., Suite K, Dept. TB** **Houston, TX 77092** **800-281-2307; Fax: 713-683-0223**	Full line of liquid urethanes (pourable and brushable) and silicones for flexible molds and castings. High-quality reproductions of originals with long mold life. Full line of moldmaking supplies.	Free Write in No. 58									Liquid urethanes, silicones	✔	5%
Rory Brennan/Preservation Plastering **RFD 1, Box 772, Dept. TB** **Putney, VT 05346** **802-387-4623; Fax: 802-387-5030**	Complete plaster-conservation services: documentation, stabilization of loose plaster, mortar analysis and matching; plaster replication using original models.	Free Write in No. 2980		✔			✔	✔			plaster of paris		100%
Seal Reinforced Fiberglass, Inc. **23 Bethpage Rd., Dept. TB** **Copiague, NY 11726** **516-842-2230; Fax: 516-842-2276**	Stock and custom garden pools, waterfalls, planters, and rock features. FRP building components, stock and custom cornices, cupolas, and brackets. Full-service mold and tool fabricators. On-site molds.	Free Write in No. 4620									FRP		90%
Sierra Architectural Cast Stone **1700 E. Garry, Ste., Dept. TB** **Santa Ana, CA 92705** **800-333-9302; Fax: 714-550-7385**	Dry-cast limestone and shell-stone products; products also available in FRP and GRG; mantels, columns, door and window surrounds, and more.	Free Write in No. 236	✔	✔	✔	✔					GRG, cast stone		60%
Sierra Architectural Cast Stone **1038 St. Gregory St., Dept. TB** **Cincinnati, OH 45202** **800-333-9302; Fax: 513-665-2005**	Hand-cast architectural elements: columns, pavers, planters. Large-scale commercial and residential projects. Dry-cast limestone and shell-stone products; also available in FRP and GRG.	Free Write in No. 236	✔	✔	✔	✔					GRG, cast stone		60%
Silicones, Inc. **P.O. Box 363, Dept. TB** **High Point, NC 27261** **910-886-5018; Fax: 910-886-7122**	Manufactures moldmaking silicones used for reproduction of ornamental moldings.	Free Write in No. 6050									RTV silicone	✔	N/A
Skyline Design **2653 W. Chicago Ave., Dept. TB** **Chicago, IL 60622** **773-278-4660; Fax: 773-278-3548**	Hand-crafted sculptural elements, from classical to contemporary; media includes fiberglass, foam, plastics, resin, and natural materials; signage, lighting, and more. Complete installation.	Free Write in No. 329		✔			✔			Sculpture	Plaster, GRG, polymer modified gypsum, molded polymer		90%
Smooth-On, Inc. **2000 St. John St., Dept. TB** **Easton, PA 18042** **800-762-0744; Fax: 610-252-6200**	Extensive line of liquid-rubber (both pourable and brushable) compounds for making molds for reproducing any original. Free samples and technical help.	Free Write in No. 650									Liquid rubber	✔	N/A
Spaulding Craft, Inc. **1053 Harbor Lake Dr., Dept. TB** **Safety Harbor, FL 34695** **813-726-2316; Fax: 813-725-2897**	Molded architectural FRP fiberglass; columns, exterior cornices, balustrades.	Free		✔					✔		FRP		50%
Stone Legends **301 Pleasant Dr., Dept. TB** **Dallas, TX 75217** **800-398-1199; Fax: 214-398-1293**	Cast-stone architectural elements, handmade using precision tooling. Factory-direct pricing for elements such as balustrades, columns, fountains, pavers, steps, signs, wall caps, and landscape and garden ornament. Custom casting.	Free Write in No. 8630	✔	✔	✔	✔	✔	✔			Cast stone		50%
Worthington Group **P.O. Box 868, Dept. TB** **Troy, AL 36081** **800-872-1608; Fax: 334-566-5390**	Supplier of true classical columns in all the basic orders. Also, Lifestone columns and balustrades, panel and cornice moldings, brackets, and mantels; new PermaPorch system elements.	Free Write in No. 1633 for moldings	✔	✔	✔	✔	✔	✔	✔	Table bases	Wood, polymers, composites		60%

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WRITE IN NO. 205

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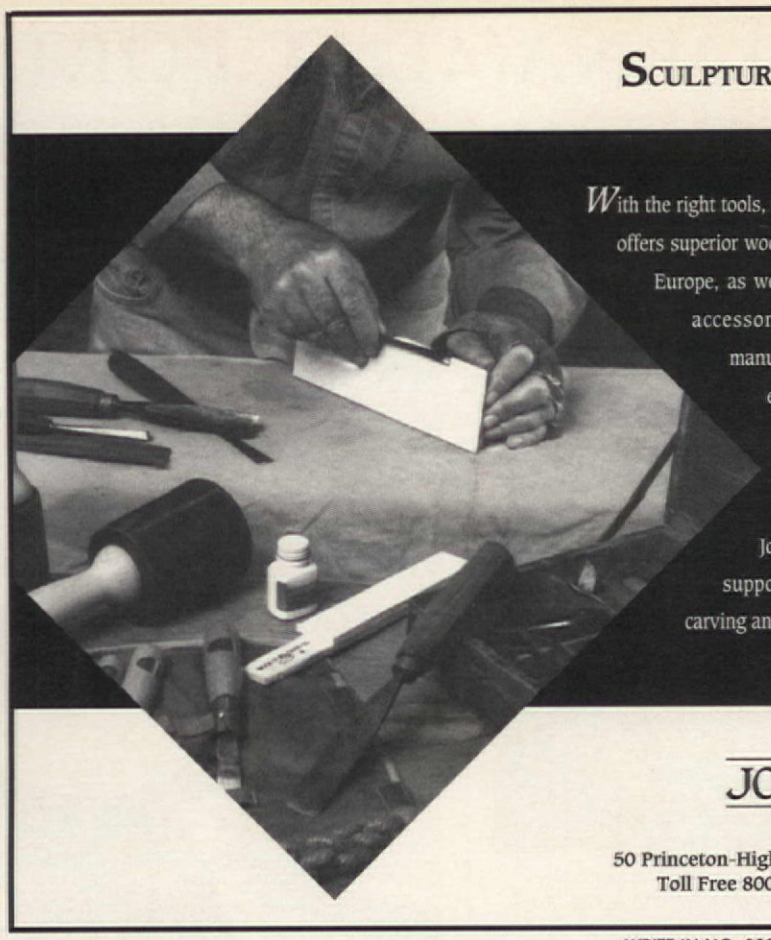
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Forton Mg casting, Playboy Mansion, Chicago, IL

WRITE IN NO. 7270

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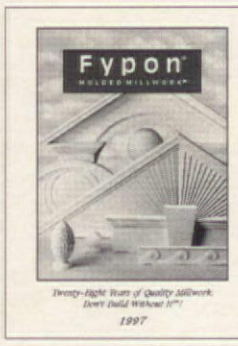


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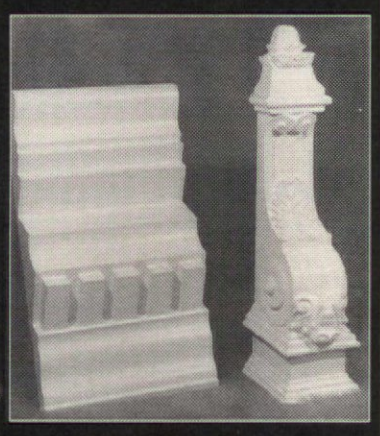
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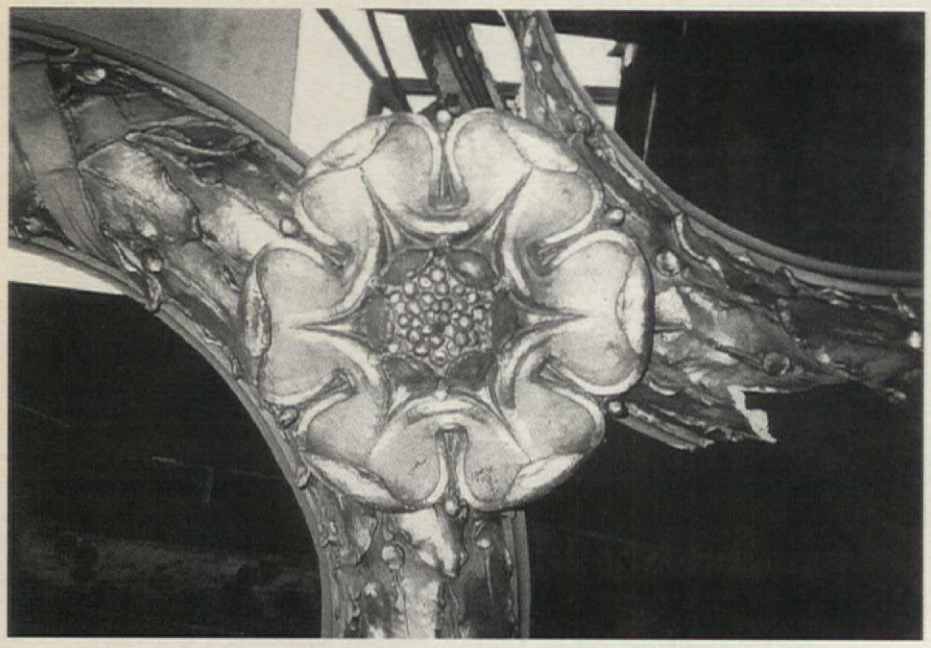
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WRITE IN NO. 5000

MOLDED ORNAMENT PORTFOLIO

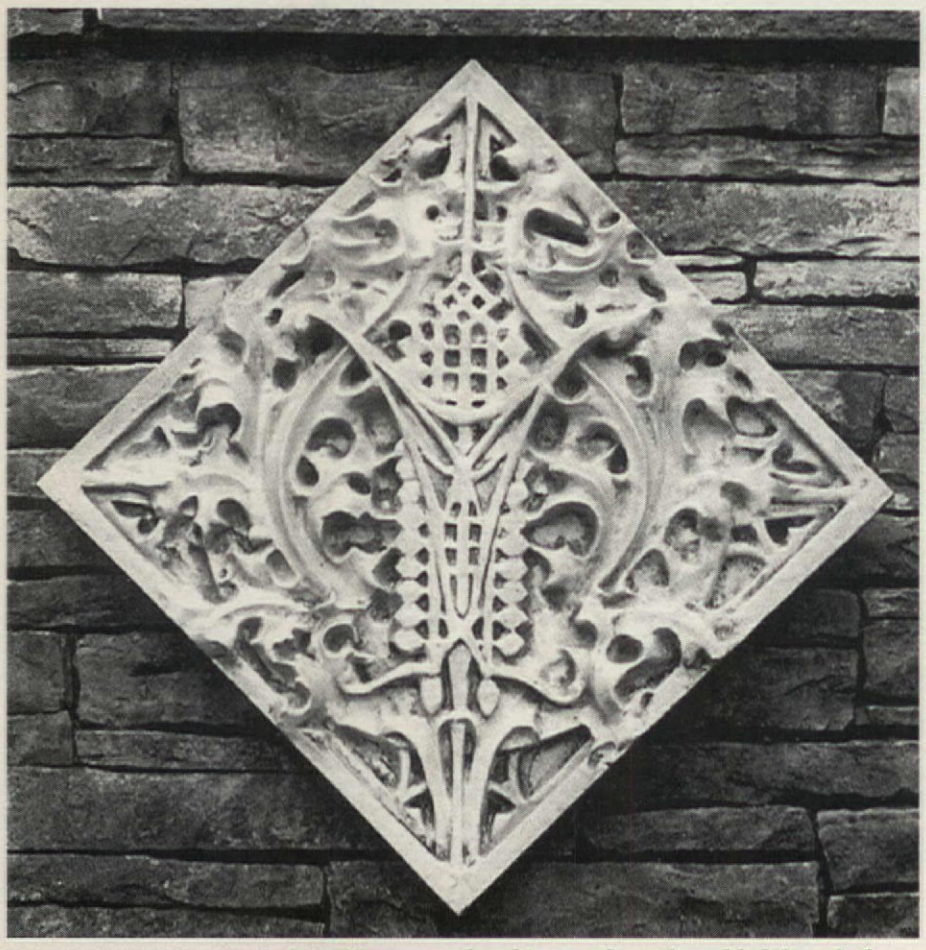
For more information on these companies, consult the SourceList on pp. 124-126.



Rosettes and rosette borders in the House of Flags at the Massachusetts Statehouse were in poor shape before RORY BRENNAN/PRESERVATION PLASTERING took on their expert conservation. *Write in No. 2980*



High-density-polyurethane ornaments from CUMBERLAND WOODCRAFT come pre-primed and ready for staining, glazing, or painting. *Write in No. 1310*



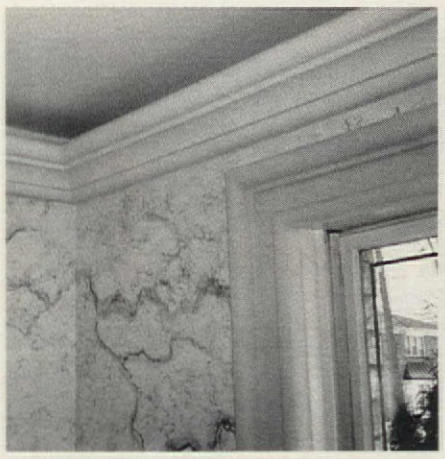
MOLDMAKING & DESIGN, INC., created architectural panels molded directly from a segment of an original panel at Frank Lloyd Wright's Winslow House. The finished panel is shown, in a proprietary composite with a limestone white finish. *Write in No. 7270*



The dining area of this shopping center features columns, balustrades, and cast limestone ornament from HADDONSTONE. *Write in No. 4020*



The flexible-mold compounds from SMOOTH-ON cure quickly into a sturdy rubber — such as the mold taken from this Classical medallion. *Write in No. 650*



The interior molding and window surround shown here were made from EPS with Acrythane by the skilled workers of FOAM TECHNOLOGY. *Write in No. 4140*



Desert pharaohs, created for the opera "Aida" out of a sculpted FRP with a painted fiberglass finish by SEAL REINFORCED FIBERGLASS, are one of many stage designs the company has completed. *Write in No. 4620*

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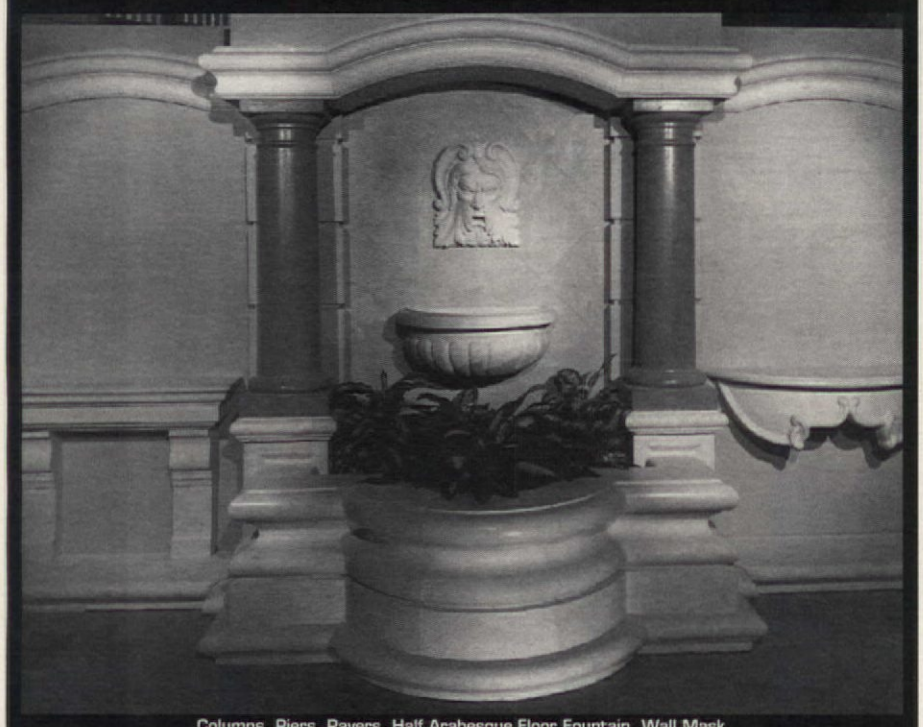
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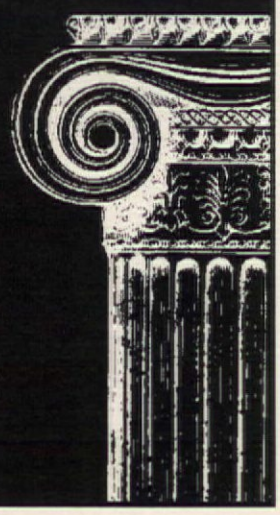
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WRITE IN NO. 2890

MOLDED ORNAMENT PORTFOLIO

For more information on these companies, consult the SourceList on pp. 124-126.



SKYLINE DESIGN's medieval castle, complete with fiery dragon, adds a bold element of play and fantasy to a children's library in Chicago. *Write in No. 329*



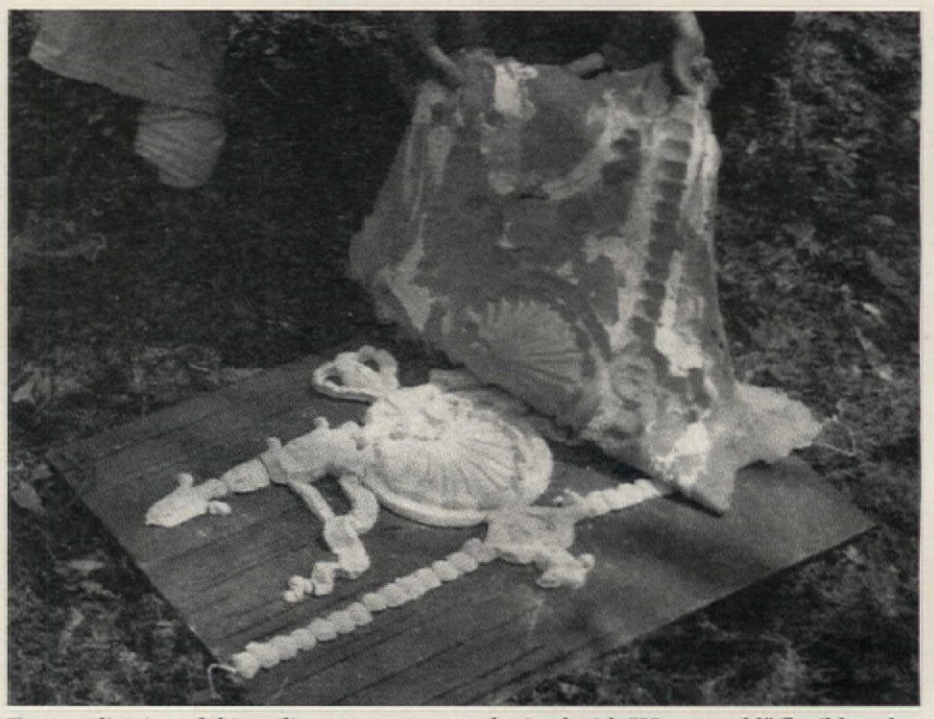
This wild steed with bulging veins and muscles, a model of a frieze at the Parthenon, has been cast by the Caproni Bros. and was adapted recently in a range of modern materials by L. H. FREEDMAN. *Write in No. 6390*



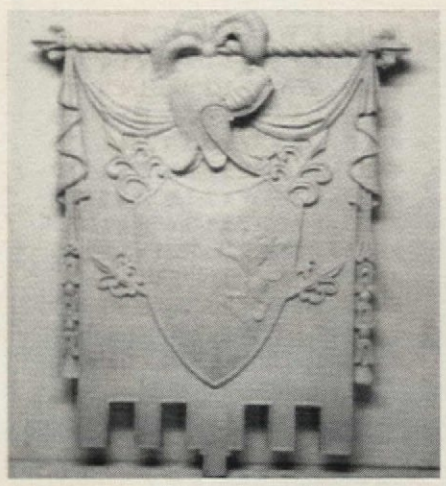
DECORATORS SUPPLY CORP. cornices adorn this gallery in the National Gallery of Art, Washington, D.C. *Write in No. 210*



The Renaissance art of scagliola is a versatile medium that can be produced in many forms and colors by HAYLES & HOWE, who worked on the imposing scagliola columns and pediments at the New Jersey State House. *Write in No. 3520*



Easy replication of this ceiling ornament was obtained with "Mastermold" flexible polyurethane moldmaking compound from ABATRON. *Write in No. 1300*



Along with moldings that will conform to curves and turns, FLEX MOULDING's catalog includes a collection of spot decorations and panels like this heraldic panel #2124. *Write in No. 4900*



Custom trim from FELBER was added to their ceiling medallion #8816 marrying elegant rays to this standard octagon design. *Write in No. 2890*

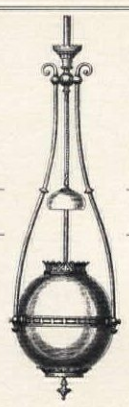
SourceList 131-136
Portfolio..... 138-144

Setting The Mood

For commercial applications, lighting is a powerful way to accent architectural detail and evoke a mood.

You can create a romantic dining experience or give drama to a civic building with the use of spots, dimmers, and gels. The type and style of fixture — or the use of fixtures in combination — can include elaborate crystal chandeliers, Art Nouveau pendants, Victorian sconces, Art Deco floor lamps, or Moderne soffit lighting.

For the comprehensive Lighting *SourceList* you'll find on pp. 131-136, we've included 72 interior lighting manufacturers who responded to our editorial query. Companies listed have experience working in the commercial market: Grand reproductions for commercial and government projects, hotels, and casinos have been fabricated by lighting manufacturers, such as Ball & Ball Lighting, Historical Arts & Casting, and St. Louis Antique Lighting. Accessories for the commercial interior include Aladdin Light Lift's motorized system, which can lower and lift a chandelier or fixture of up to 700 pounds for easily changing bulbs and cleaning fixtures in hard-to-reach spaces. Classic Accents supplies ornamental brass or wood push-button light switches for multiple lighting sources. — *LRA*

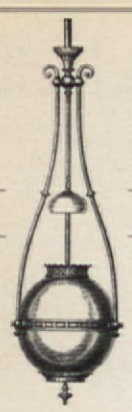


TRADITIONAL BUILDING's INTERIOR LIGHTING SourceList

CSI# 16510

COMPILED BY LAURA R. ALLEN

COMPANY	SPECIALTY	Literature	TYPE OF FIXTURE: Chandeliers	Sconces	Pendants	Lanterns	Table Lamps	Other	Style/Period	Antique	Original Designs	Historic Reproductions	% Custom	UL Listed
AAMSCO Lighting, Inc. **P.O. Box 15119, Dept. TB** **Jersey City, NJ 07305** **800-221-9092; Fax: 201-434-8535**	Art Deco and contemporary luminaires (especially for hospitality restroom lighting); "Ferrowatt" brand replica light bulbs; tungsten-filament "Edison" lightbulbs. Also, an exact copy of Edison's 1910 Mazda lightbulb.	Free Write in No. 2240		✗					Art Deco/Moderne, Turn of the Century		✗	✗	20%	✗
Aladdin Light Lift **3111 Stage Post Dr., Ste. 106, Dept. TB** **Memphis, TN 38133** **901-385-0456; Fax: 901-385-0533**	Manufactures a motorized lift system, which automatically lowers a chandelier for easy cleaning and bulb replacement. Models available that handle up to 700 lb.	Free Write in No. 7850						Motorized light lift					N/A	
Architectural Archive **21227 Pacific Coast Hwy., Dept. TB** **Malibu, CA 90265** **800-490-7775; Fax: 310-456-1486**	Dramatic lighting fixtures for hotels, resorts, casinos, restaurants, and federal and state government projects; also, grilles, columns, and doors.	Free Write in No. 376	✗	✗		✗			Turn of the Century, Art Nouveau, Art Deco/Moderne	✗	✗	✗	50%	✗
Architectural Features/Charles Madden **21 Conwell Dr., Dept. TB** **Maple Glen, PA 19002** **215-646-1599; Fax: 215-643-7272**	Lighting projects for large institutions that require large fixtures or computerized and individual lift systems. From design through installation. Also, special art, mural, and floor projects.	Free Write in No. 1500	✗	✗	✗	✗		Lift systems			✗	✗	100%	✗
Aurora Studios/Mission Oak Shop **109 Main St., Dept. TB** **Putnam, CT 06260** **860-928-1965; Fax: 860-928-1039**	This lighting studio crafts hand-hammered copper lamps in the style of Stickley and Van Erp. Also, floor and table lamps, chandeliers, lanterns, and sconces in copper, mica, oak, and glass.	Free	✗	✗	✗	✗	✗		Arts & Crafts, Mission, Prairie		✗	✗	50%	✗
Authentic Designs **47A The Mill Rd., Dept. TB** **West Rupert, VT 05776** **802-394-7713; Fax: 802-394-2422**	Hand-crafted Early American and Colonial lighting fixtures in brass, copper, and Vermont maple. Standard sizes or custom orders.	Free Write in No. 60				✗			Early American, Colonial		✗	✗	20%	✗
Ball & Ball Lighting **463 W. Lincoln Hwy., Dept. TB** **Exton, PA 19341** **610-363-7330; Fax: 610-363-7639**	Manufactures historically accurate copies of 18th-, 19th-, and 20th-century interior and exterior lighting fixtures and lanterns. Has supplied lighting fixtures for some of the most important U.S. restoration projects.	Free Write in No. 7660	✗	✗	✗	✗			Colonial, Victorian, Turn of the Century	✗	✗	✗	75%	✗
Basic Source, Inc. **655 Carlson Court, Dept. TB** **Rohnert Park, CA 94928** **800-428-0044; Fax: 707-586-5485**	Contract-quality custom and standard decorative lighting fixtures; commercial-scale chandeliers and pendants, as well as a wide range of ADA-compliant wall sconces. Specialize in alabaster fixtures.	Free	✗	✗	✗		✗		Art Nouveau, Art Deco/Moderne, traditional, contemporary		✗		40%	✗
Bevolo Gas & Electric Lights **521 Conti St., Dept. TB** **New Orleans, LA 70130** **504-522-9485; Fax: 504-522-5563**	Handmade, hand-riveted, antique copper and brass natural gas, propane, and electric fixtures for homes, commercial buildings, landscaping, and streetscaping. Free custom scaling and style proposals available.	Free		✗		✗		Gas burning	Colonial, Turn of the Century, French Quarter, English, Colonial, and Mediterranean		✗	✗	25%	✗
Boyd Lighting Co. **944 Folsom St., Dept. TB** **San Francisco, CA 94107** **415-778-4300; Fax: 415-778-4319**	Original decorative and architectural lighting-fixture designs in transitional and classical styles for residential, commercial, and hospitality interiors.	Free	✗	✗	✗		✗		Traditional, contemporary		✗		25%	✗
Brass Light Gallery, Inc. **131 South First St., Dept. TB** **Milwaukee, WI 53204** **800-243-9595; Fax: 414-271-7755**	Designer/manufacturer of a wide range of interior and exterior decorative lighting fixtures for both residential and commercial use. Stock and custom fixtures available. Natural alabaster ceiling fixtures and wall sconces.	Free	✗	✗	✗	✗	✗		Colonial, Victorian, Prairie, Art Nou-veau, Arts & Crafts, Southwestern/Rustic, Neoclassic	✗	✗	✗	20%	✗
Brooke Grove Antique & Custom Lighting **P.O. Box 5007, Dept. TB** **Laytonsville, MD 20882** **800-445-4837; Fax: 301-926-4023**	Antique and antique-style custom lighting. Also, large selection of replacement glass and custom glass mold work.	Free Write in No. 2010	✗	✗	✗		✗		Victorian, Turn of the Century, Art Nouveau, Art Deco, Arts & Crafts	✗	✗	✗	95%	
Brumder Ornamental Iron, Inc. **40128 Industrial Park N., Dept. TB** **Georgetown, TX 78626** **512-869-2830; Fax: 512-869-0140**	Hot-forged, hand-wrought ornamental metalwork and lighting in classic and contemporary styles. Design services include presentation, CAD, sample, and model-making.	Free Write in No. 1860	✗	✗	✗	✗					✗		100%	



TRADITIONAL BUILDING's INTERIOR LIGHTING SourceList

CSI# 16510

COMPILED BY LAURA R. ALLEN

COMPANY	SPECIALTY	Literature	TYPE OF FIXTURE: Chandeliers	Sconces	Pendants	Lanterns	Table Lamps	Other	Style/Period	Antique	Original Designs	Historic Reproductions	% Custom	UL Listed
Casella Lighting Co. **111 Rhode Island St., Dept. TB** **San Francisco, CA 94103** **415-626-9600; Fax: 415-626-4539**	High-quality, machined, solid-brass lamps and fixtures manufactured in San Francisco.	Free flyer, catalog $25	X	X	X	X	X		Colonial, Victorian, Turn of the Century, Art Nouveau, Art Deco, Arts & Crafts, Southwestern		X	X	30%	X
Christopher Thomson Ironworks **P.O. Box 578, Dept. TB** **Ribera, NM 87560** **505-421-2645; Fax: 505-421-2618**	High-end, hand-forged furniture and furnishings for corporate offices, hotel rooms, and lobbies: lamps, desks, tables, fireplace accessories, and drapery rods.	Free Write in No. 237	X	X		X	X	Floor lamps	Transitional		X		5%	X
Classic Accents, Inc. **Box 1181, Dept. TB** **Southgate, MI 48195** **313-282-5525; Fax: 313-282-5158**	Push-button light switches with plain or ornamented brass and wooden plates. Also, brass molding hooks, decorative tassels, and carbon-filament Victorian bulbs.	Free Write in No. 4850						Light switchplates, hooks, tassels, bulbs			X		10%	
Conant Custom Brass, Inc. **270 Pine St., Dept. TB** **Burlington, VT 05401** **800-832-4482; Fax: 802-864-5914**	Custom manufacturing, production, design, restoration, and repair of lighting in all metals to builders'/architects' specs. Manufactures a traditional line of pendants, chandeliers, and sconces; many finishes and styles.	Free Write in No. 620	X	X	X	X					X	X	30%	X
Copper House **1747 Dover Rd., Rt. 4, Dept. TB** **Epsom, NH 03234** **800-281-9798; Fax: 603-736-9798**	Weathervanes made of copper in New Hampshire; finials custom made to spec; hand-crafted copper and brass lighting (standard and custom) for interior and exterior; custom work.	Free Write in No. 7290		X	X	X							5%	
Copper Sculptures **5230 Hwy 25, Dept. TB** **Brandon, MS 39042** **800-235-6725; Fax: 601-992-7099**	Company offers finely hand-crafted copper lanterns, mailboxes, posts, and metal furniture.	Free Write in No. 300				X							60%	
Craft Metal Products, Inc. **2751 North Emerson Ave., Dept. TB** **Indianapolis, IN 46218** **800-669-3254; Fax: 317-545-3288**	Lighting specialists offer planning, design, and craftsmanship in institutional lighting equipment; all budgets and styles; matching fixtures available for most areas; engineering and design services to architects and designers.	Free Write in No. 1021		X	X	X		Church lighting	Colonial, Traditional, contemporary, Southwestern, Gothic, Romanesque		X		90%	X
Crenshaw Lighting **Hwy. 221 N., Dept. TB** **Floyd, VA 24091** **703-745-3900; Fax: 703-745-3911**	Custom, high-quality decorative fixtures to architect's specifications. Design service available. Historic restoration and reproduction of period fixtures include on-site services.	Free Write in No. 313	X	X	X	X	X		Traditional, contemporary	X	X	X	80%	X
Crystorama **95 Cantiague Rock Rd., Dept. TB** **Westbury, NY 11590** **516-931-9090; Fax: 516-931-1254**	For over 40 years, this company has been making crystal chandeliers, sconces, and pendants using authentic Czechoslovakian and German parts.	Free Write in No. 1370	X	X	X	X			Colonial, Art Nouveau, Art Deco/Moderne		X	X	20%	X
Davan Industries **144 Main St., Dept. TB** **Port Washington, NY 11050** **516-944-6498; Fax: 516-883-4917**	Distributor for McCloud Lighting of London; hand-forged lighting: pendants, wall sconces, and chandeliers; also, mirrors and iron furniture.	Free Write in No. 294	X	X	X	X		Arts & Crafts, Mission, Prairie, Gothic		X			25%	X
David Foglia Co. **451 Old Kyle Rd., Dept. TB** **Wimberley, TX 78676** **512-847-1538; Fax: 512-847-1628**	Specializing in artistic hot-glass chandeliers, lighting, and functional glassware (i.e., bowls and vases), including hand-painted and fired enamels.	Free Write in No. 1022	X				X	Floor lamps	Art Nouveau, contemporary		X	X	90%	
Design Lighting Products Co. **737 West Second Ave., Dept. TB** **Mesa, AZ 85210** **800-843-1602; Fax: 800-826-2317**	Hand-crafted iron chandeliers, lamps, and sconces for residential, commercial, and contract projects; over 200 styles in 36 standard finishes; custom work.	Free brochure, catalog $50	X	X	X	X	X		Arts & Crafts, European, rustic, French country, Italian country		X		50%	X
Gibson & Gibson Antique Lighting **180 Mace St., #C-9, Dept. TB** **Chula Vista, CA 91911** **619-422-2447; Fax: 619-422-2495**	Company specializes in antique lighting fixtures, 1860-1930: Floor, ceiling, table, and wall (over 1,000 fixtures in stock) fixtures. Also, repair, rewiring, and restoration (including crystal chandeliers). Custom design and fabrication.	Free	X	X	X	X	X		Colonial, Turn of the Century, Art Nouveau, Arts & Crafts	X	X		35%	X
Global Lighting **50 S. Buckhout St., Dept. TB** **Irvington, NY 10533** **914-591-4095; Fax: 914-591-3796**	Distributor of Greek fisherman lights made by Uccello of Athens, Greece. These fixtures are available in aluminum, copper, or steel, and are UL listed.	Free		X	X		X				X		2%	X
Golden Valley Lighting, Inc. **274 Eastchester Dr., #117A, Dept. TB** **High Point, NC 27262** **800-735-3377; Fax: 910-882-2262**	Distributor/retailer of interior lighting fixtures by mail (172-pg. color catalog); wide range of styles, periods, sizes, and finishes.	Free	X	X	X	X	X		All styles		X	X	0%	X
Great Northern Lighting Works **P.O. Box A, Dept. TB** **Clinton, MI 49236** **517-456-6019; Fax: 517-456-6257**	Gothic face wall sconce. Currently working on several new styles of face sconces in Art Nouveau, Art Deco, and other antique styles. Soon to feature coordinating chandeliers.	Free Write in No. 375		X					Gothic		X	X	100%	
Hall Glass Design, Carol **1568 SW Westwood Dr., Dept. TB** **Portland, OR 97201** **503-246-9971; Fax: 503-246-9972**	Contemporary Arts & Crafts- and Japanese-influenced custom sconces, pendants, and chandeliers. Also, enameled glass tiles.	Free	X	X	X		X		Arts & Crafts, contemporary, Japanese		X	X	100%	
Hambel & Assoc. **1298 12 Rd., Dept. TB** **Loma, CO 81524** **970-858-4782; Fax: 970-858-4784**	Complete resource for metalwork in all styles; lighting including chandeliers, sconces, pendants, lanterns, and table lamps.	Free Write in No. 277	X	X	X	X	X		Colonial, Victorian, Turn of the Century, Art Nouveau, Art Deco, Arts & Crafts, South-western		X	X	90%	
Herwig Lighting **P.O. Box 768, Dept. TB** **Russellville, AR 72811** **800-643-9523; Fax: 501-968-6422**	High-quality, hand-crafted original designs since 1908. Cast-aluminum or -bronze, exterior residential, commercial, municipal lighting: wall brackets, pendants, pier- or post-lanterns. Street clocks, posts from 19 in. to 14 ft.	Free Write in No. 9130		X	X	X							50%	
Historical Arts & Casting, Inc. **5580 West Bagley Park Rd., Dept. TB** **West Jordan, UT 84088** **800-225-1414; Fax: 801-280-2493**	Designer and manufacturer of lighting, columns, capitals, cornices, railings, fences, newels, planters, finials, street furnishings, and fountains cast in bronze, aluminum, or iron. Restoration and custom work.	Free Write in No. 1210	X	X	X	X	X		Any style and period		X	X	100%	X

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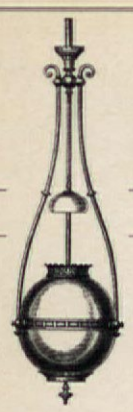
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WRITE IN NO. 1210



TRADITIONAL BUILDING's INTERIOR LIGHTING SourceList

CSI# 16510

COMPILED BY LAURA R. ALLEN

COMPANY	SPECIALTY	Literature	TYPE OF FIXTURE: Chandeliers	Sconces	Pendants	Lanterns	Table Lamps	Other	Style/Period	Antique	Original Designs	Historic Reproductions	% Custom	UL Listed
International Ironworks, Inc. **2713 Bonnie Beach Pl., Dept. TB** **Los Angeles, CA 90023** **213-262-9936; Fax: 213-262-9896**	Manufactures hand-forged, finely crafted iron lighting fixtures, furniture, and architectural appointments; commercial installations.	Free flyer, binder $150 Write in No. 318	✗	✗	✗	✗	✗		Art Deco, Mediterranean, contemporary, Spanish	✗	✗	✗	90%	✗
Jefferson Mack Metal, Inc. **P.O. Box 884103, Dept. TB** **San Francisco, CA 94188** **415-550-9328; Fax: 415-285-3365**	Hot-forged, hand-finished architectural metalwork: railings, grilles, gates, fences, sculpture, and door hardware. Also, custom iron furniture, garden torches, chandeliers, and more.	Free Write in No. 1079	✗	✗	✗	✗	✗						100%	
Judi's Lampshades **1495 East 22 St., Dept. TB** **Brooklyn, NY 11210** **718-377-7321; Fax: 718-951-6129**	Hand-sewn, custom-designed Victorian and Art Deco lampshades; restores and recovers any shades and lamps; Turn-of-the-Century lamp-frame designs.	Free		✗			✗	Floor lamps, hanging lamps	Victorian, Turn of the Century, Art Nouveau, Art Deco	✗			100%	✗
King's Chandelier Co. **P.O. Box 667, Hwy. 14, Dept. TB** **Eden, NC 27288** **910-623-6188; Fax: 910-627-9935**	Designer/manufacturer of polished solid-brass Victorian chandeliers and sconces with Venetian crystals. Also, traditional 18th- and 19th-century all-crystal chandeliers and sconces hung with Austrian Swarovsky Strass crystal.	Free Write in No. 5280	✗	✗					Colonial, Victorian, traditional		✗	✗	10%	✗
Kings Antiques Corp. **57 E. Eleventh St., Dept. TB** **New York, NY 10003** **212-674-2620; Fax: 212-477-5769**	Traditional lighting and reproductions for any space, hallway to ballroom.	Free	✗	✗		✗			Colonial, Art Deco, 18th- & 19th-cen. French			✗	3%	✗
Liberty Brass Turning Co. **38-01 Queens Blvd., Dept. TB** **Long Island City, NY 11101** **718-784-2911; Fax: 718-784-2038**	Thousands of solid-brass and -aluminum turned-metal parts: lamp finials, couplings, spacers, balls, check rings, furniture, and display fittings. Custom parts; large and small orders.	Free Write in No. 8440											30%	
Lighting by Hammerworks **6 Fremont St., Dept. TB** **Worcester, MA 01603** **508-755-3434; Fax: Phone + ,51**	Reproduction lighting fixtures: chandeliers, wall sconces, wall and post lanterns made in copper, brass, and tin. Also, hand-forged door hardware, shutter hinges and dogs, and slide bolts; exact reproductions.	Free Write in No. 5090	✗	✗		✗					✗	✗	25%	
Lt. Moses Willard, Inc. **1156 US Hwy. 50, Dept. TB** **Milford, OH 45150** **800-621-8956; Fax: 513-831-0548**	Chandeliers, lamps, lanterns, floor lamps, tin fixtures, exterior fixtures, and accessories; Colonial and pierced-tin styles; whimsical and thematic table lamps.	Binder $50	✗	✗		✗	✗	Floor lamps, accessories	Colonial, nautical	✗	✗	✗	5%	✗
Manning Lighting **P.O. Box 1063, Dept. TB** **Sheboygan, WI 53082** **414-458-2184; Fax: 414-458-2491**	Contemporary and traditional lighting; custom church lighting; update historical fixtures for courthouses and institutional buildings.	Free	✗	✗	✗				Colonial, Art Deco		✗	✗	25%	✗
Metro Lighting & Crafts **2216 San Pablo Ave., Dept. TB** **Berkeley, CA 94702** **888-638-7620; Fax: 888-481-6200**	Period-inspired fixtures (Art Nouveau and Arts & Crafts a specialty) hand-crafted in solid brass and copper and finished with a variety of patinas.	Free Write in No. 273	✗	✗	✗	✗	✗	Floor lamps	Art Nouveau, Arts & Crafts		✗	✗	25%	✗
Mica Lamp Co. **517 State St., Dept. TB** **Glendale, CA 91203** **818-241-7227; Fax: 818-241-5439**	Authentic Arts & Crafts table and floor lamps, chandeliers, sconces, and lanterns in copper and mica. Attention to detail includes copper rivets and rich patina finishes. Also available: white oak, cherry, art glass, hammered copper.	Free Write in No. 5870	✗	✗	✗	✗	✗		Turn of the Century, American & European Arts & Crafts		✗	✗	10%	✗
Michael Ashford Design, Inc. **6543 Alpine Dr. S.W., Dept. TB** **Olympia, WA 98512** **360-352-0694; Fax: Same as phone**	Designer and fabricator of hand-hammered copper and mica table lamps, floor lamps, chandeliers, and wall sconces in the Arts & Crafts style. Stock designs; custom commissions a specialty.	Free Write in No. 5030	✗	✗	✗	✗	✗		Arts & Crafts/ Mission/ Prairie		✗	✗	50%	✗
Mission Spirit **9900 W. Spirit Lake Rd., Dept. TB** **Spirit Lake, ID 83869** **800-433-4211; Fax: 208-623-4865**	Arts & Crafts/Mission-style lighting fixtures hand-crafted from quartersawn white oak, art glass, and mica.	Free Write in No. 3820	✗	✗	✗	✗	✗	Floor lamps	Arts & Crafts		✗	✗	10%	✗
Natural Light **P.O. Box 16449, Dept. TB** **Panama City, FL 32406** **800-331-3898; Fax: 850-265-1678**	Table and floor lamp designs in wood, wicker, ceramic, and metal complemented with unique finishes; custom commercial designs available.	Free					✗	Floor lamps	Southwestern, traditional, novelty, casual		✗		5%	✗
Nessen Lighting **P.O. Box 187, Dept. TB** **Mamaroneck, NY 10543** **914-698-7799; Fax: 914-698-5577**	Alabaster and solid-brass classic table lamps, wall lamps, sconces, floor lamps, and pendant fixtures.	Free		✗	✗	✗	✗	Floor lamps	Art Deco, Arts & Crafts	✗	✗	✗	40%	✗
New Blue Moon Studio **P.O. Box 579, Dept. TB** **Leavenworth, WA 98826** **509-548-4754; Fax: 509-548-4602**	Hand-forged lighting in iron, copper, and brass; Art Nouveau, Art Deco, and Southwestern designs, stock and custom, are specialties.	Free Write in No. 3900	✗	✗	✗	✗	✗	Floor lamps	All styles	✗	✗	✗	50%	✗
New York Gas Lighting **195 Bowery, Dept. TB** **New York, NY 10002** **212-529-2651; Fax: 212-529-7811**	Exterior lighting for open-flame or gas-mantle applications; interior gas-style lighting with imported glassware; solid-brass and -bronze lighting for indoor and outdoor applications; table and floor lamps with Victorian detailing.	Free Write in No. 5380	✗	✗	✗	✗	✗		Colonial, Victorian, Turn of the Century, Art Nouveau, Art Deco, Southwestern		✗	✗	50%	
Newstamp Lighting Co. **P.O. Box 189, Dept. TB** **North Easton, MA 02356** **508-238-7071; Fax: 508-230-8312**	Custom indoor and outdoor lighting fixtures in all styles in copper, brass, and terne metal. All energy sources, including gas. Catalog available for Colonial-style fixtures and lanterns; restoration and reproduction.	Free Write in No. 800		✗	✗	✗			Colonial, nautical		✗	✗	35%	✗
Original Cast Lighting **6120 Delmar Blvd., Dept. TB** **Saint Louis, MO 63112** **314-863-1895; Fax: 314-863-3278**	New reproduction interior lighting fixtures in a variety of classic styles; commercial and residential. Also, restores select antique fixtures for a variety of projects,,, and retrofits with energy-efficient lamps.	Free Write in No. 4360	✗	✗	✗			Ceiling-mounted	Victorian, Turn of the Century, Art Nouveau, Art Deco		✗	✗	5%	✗
Otteson Co. **P.O. Box 293060, Dept. TB** **Lewisville, TX 75029** **972-317-3120; Fax: 972-317-2812**	Glass lighting shades, principally from Vianne in France. Large stock ready for shipment; works on custom projects.	Free Write in No. 1045	✗	✗	✗	✗	✗	Floor lamps	Victorian, Arts & Crafts, Southwestern		✗	✗	100%	



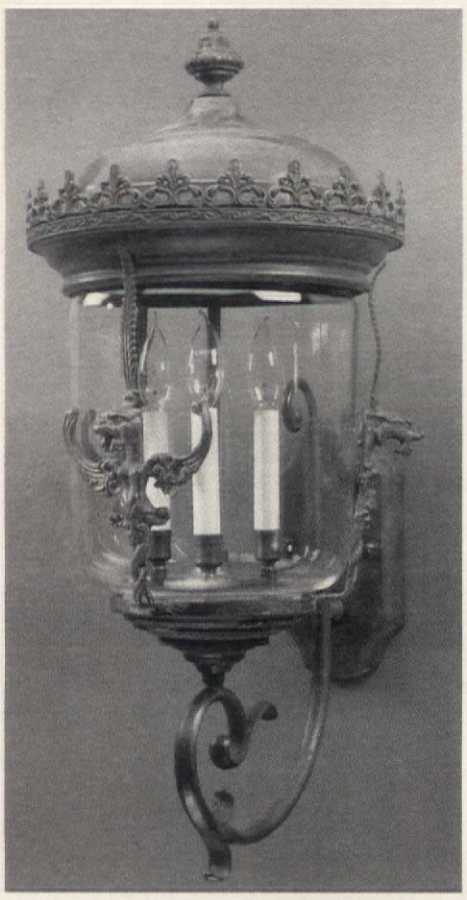
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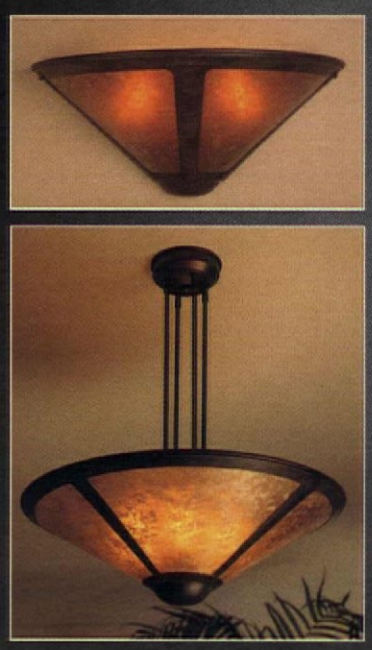
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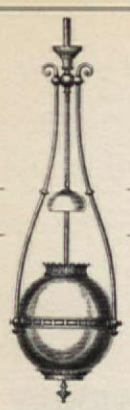


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WRITE IN NO. 5870



TRADITIONAL BUILDING's INTERIOR LIGHTING SourceList

CSI# 16510

COMPILED BY LAURA R. ALLEN

COMPANY	SPECIALTY	Literature	TYPE OF FIXTURE: Chandeliers	Sconces	Pendants	Lanterns	Table Lamps	Other	Style/Period	Antique	Original Designs	Historic Reproductions	% Custom	UL Listed
Palmer Hargrave Lamps 3441 Galaxy Pl., Dept. TB Oxnard, CA 93030 805-983-6737; Fax: 805-983-4308	Traditionally styled hand-crafted solid-brass lamps for over 50 years; special finishes.	Free Write in No. 7530	✗	✗	✗	✗	✗		Rustic		✗		100%	✗
Penrose P.O. Box 295, Dept. TB Boston, NY 14025 716-941-0322; Fax: Same as phone	Custom-designed lighting with Western, nautical, and whimsical themes; specializing in fretwork using wood, copper, steel, mica, glass, and more; caters to contract designers and architects; hospitality and domestic lighting design.	Free Write in No. 289	✗	✗	✗	✗	✗	Floor lamps	Western, nautical, Southwestern, rustic		✗	✗	100%	
Period Lighting Fixtures Inc. 167 River Rd., Dept. TB Clarksburg, MA 01247 800-828-6990	Handmade 17th-19th C. chandeliers, sconces, and lanterns. Hand-rubbed pewter finish, antique tin, and wood; colored glazes; exterior copper lanterns. Many made under license from Historic Deerfield, Williamsburg, and Old Sturbridge.	Free Write in No. 301	✗	✗	✗	✗	✗		17th-, 18th-, and 19th-century designs			✗	10%	✗
Phillips Metal Work 2131 N. American St., Dept. TB Philadelphia, PA 19122 610-664-1436; Fax: 610-668-7758	Maker of hand-forged ornamental ironwork, including gates, lighting, commercial work, and sculpture.	Free	✗	✗	✗	✗	✗		Rustic		✗		100%	✗
Pompeian Mfg. 280 Nepperhan Ave., Dept. TB Yonkers, NY 10701 800-339-2345; Fax: 914-476-7095	Hand-crafted chandeliers available in crystal, brass, and bronze; custom designed for commercial spaces, banks, hotels, theaters, restaurants, and residences.	Free	✗	✗	✗	✗	✗		Colonial, Victorian, Turn of the Century, Art Deco, Southwestern/rustic	✗	✗	✗	35%	✗
Rejuvenation Lamp & Fixture Co. 1100 SE Grand Ave., Dept. TB Portland, OR 97214 888-343-8548; Fax: 800-526-7329	Manufactures Victorian, Arts & Crafts, Colonial Revival, Art Deco, and Neo-Classical solid-brass lighting. Over 260 authentic interior and exterior styles; 11 finishes; custom capabilities for all types of construction.	Free Write in No. 7630	✗	✗	✗	✗	✗		Colonial, Victorian, Turn of the Century, Art Nouveau, Art Deco, Arts & Crafts			✗	5%	✗
Roy Electric Co. 22 Elm St., Dept. TB Westfield, NJ 07090 800-366-3347; Fax: 908-317-4629	New full-product color catalog features 274 Victorian and Turn-of-the-Century lighting fixtures: sconces, pendants, flush fixtures, and glass shades. Also offers custom capabilities, restoration, and antique fixtures.	Free Write in No. 430	✗	✗	✗	✗	✗	Victorian, Turn of the Century			✗	✗	15%	✗
Schiff Architectural Detail 120 Eastern Ave., Dept. TB Chelsea, MA 02150 617-887-0202; Fax: 617-887-0127	Foundry, forge, and fabrication shop offers custom castings, non-ferrous forge work, and fabrication; machine-shop service, rubber molding, and pattern work. Historic restoration and refurbishment.	Free Write in No. 7730											100%	
Scott Lamp Co. 1960 Olivera Rd., Dept. TB Concord, CA 94520 510-689-6335; Fax: 510-689-0120	Decorative period chandeliers, sconces, torchieres, lamps, and custom fixtures, from Early American to Turn-of-the-Century.	Free	✗	✗	✗		✗		Colonial, Victorian, Turn of the Century, Art Nouveau, Art Deco, southwestern		✗	✗	25%	✗
SIR Industries 208-C Blydenburgh Rd., Dept. TB Islandia, NY 11722 516-234-2444; Fax: 516-234-5063	Strip lights for cabinetry, counters, bookshelves, and other accent areas; in 10-, 20-, 30-, and 40-in. sizes. Deco lamp with replaceable T-4 bulb designed for use in kitchen cabinetry, furniture, or under shelf installation. "El-Circo" small, efficient circline compact fluorescent (3-3/4-in. dia.). Designed for hi-hats and recessed applications.	Free				✗		Strip lights, Accent lighting, Deco fluorescent, El-Circo	Contemporary		✗		10%	✗
Skyline Design 2653 W. Chicago Ave., Dept. TB Chicago, IL 60622 773-278-4660; Fax: 773-278-3548	Custom designs for businesses, hospitality, and retail establishments. Services include etched, cut, painted, and leaded glass; hand-crafted sculptural elements and molded ornament; signage; decorative painting; lighting fixtures.	Free Write in No. 329									✗	✗	90%	
Spring Lighting Co. 6164 S. Eastern Ave., Dept. TB Commerce, CA 90040 213-728-2391; Fax: 213-728-4367	Hand-crafted stock and custom period lighting fixtures in solid brass; custom colors and finishes.	Free	✗	✗	✗	✗		Deck mounts	Colonial, Victorian, Turn of the Century, Art Nouveau, Art Deco, Arts & Crafts, Southwestern/rustic		✗	✗	90%	✗
St. Louis Antique Lighting Co. 801 North Skinker Blvd., Dept. TB Saint Louis, MO 63130 314-863-1414; Fax: 314-863-6702	Custom architectural lighting: incandescent, compact fluorescent, H.I.D. Restoration, reproduction, and retrofitting of historic fixtures for commercial interiors. All styles.	Free Write in No. 6190	✗	✗	✗	✗			All styles		✗	✗	75%	✗
Sticks & Stones RD 1, Box 176, Dept. TB Red Hook, NY 12571 914-756-3833; Fax: 914-756-3833	Handmade Rustic-style twig lamps. Slate- or rust-patinated steel bases and handmade paper shades.	Free		✗			✗	Floor lamps	Twig, Adirondack, contemporary		✗	✗	20%	✗
Turn Of The Century Lampshades, Inc. P.O. Box 6599, Dept. TB Bend, OR 97708 541-382-1802; Fax: 541-330-6285	Hand-sewn, authentic reproduction Victorian fabric lampshades with bases in 40 styles and colors. Supplies for lamp making and do-it-yourself kits.	Free						Victorian lampshades	Victorian			✗	100%	
Turn Of The Century Lighting Co. P.O. Box 440, Dept. TB Clinton, MI 49236 517-456-6019	Suppliers of real antique architectural lighting fixtures and one-of-a-kind antique lighting creations; stock of more than 800 antique fixtures.	Free Write in No. 305	✗	✗	✗	✗		Architectural standards, newel-post fixtures	All styles of gas or electric, 1850s-1930s	✗	✗		5%	
Two Hills Studio, Inc. 2706 S. Lamar Blvd., Dept. TB Austin, TX 78704 512-707-7571; Fax: 512-707-7524	Architect-designed custom lighting and related decorative metal work; wall sculpture, fireplace screens, mirror frames, hardware, and more in copper, brass, tin, zinc, glass, and mica. Full catalog available.	Free	✗	✗	✗	✗			Arts & Crafts, Southwestern/rustic, contemporary		✗	✗	50%	✗
Urban Archaeology 143 Franklin St., Dept. TB New York, NY 10013 212-431-4646; Fax: 212-343-9312	Architectural antiques and one-of-a-kind lighting fixtures from the Victorian period through the 1940s; reproduction lighting fixtures; antique and reproduction plumbing fixtures, including clawfoot tubs, faucets, and showers.	Free Write in No. 2990	✗	✗	✗	✗			All styles	✗	✗	✗	45%	
Victorian Lighting Works 251 S. Pennsylvania Ave., Dept. TB Centre Hall, PA 16828 814-364-9577; Fax: 814-364-2920	Authentic reproductions of Victorian chandeliers and sconces in solid brass. Custom work accepted.	Free Write in No. 3730	✗	✗					Victorian		✗	✗	25%	

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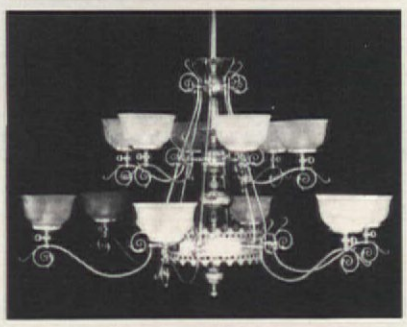
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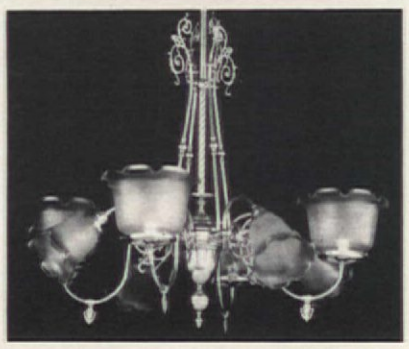
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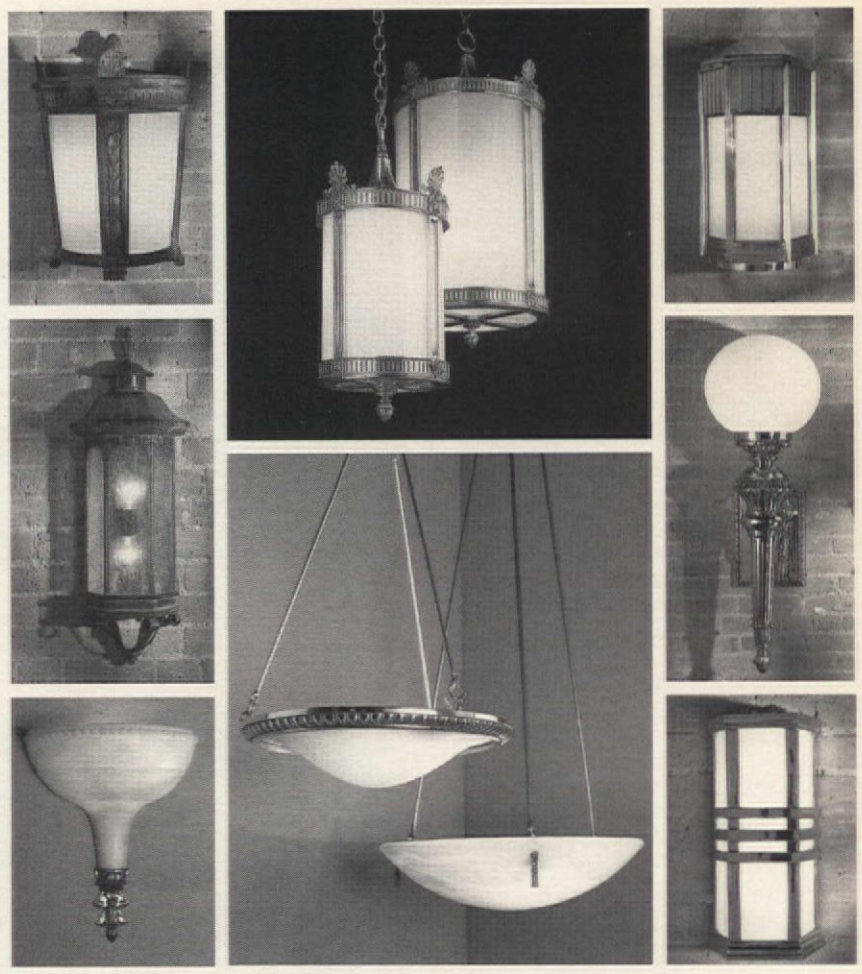
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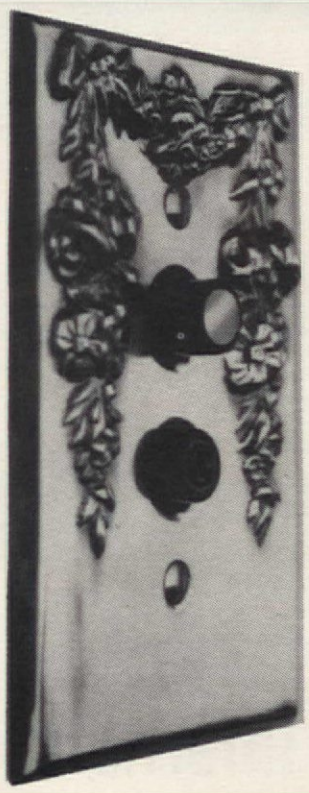


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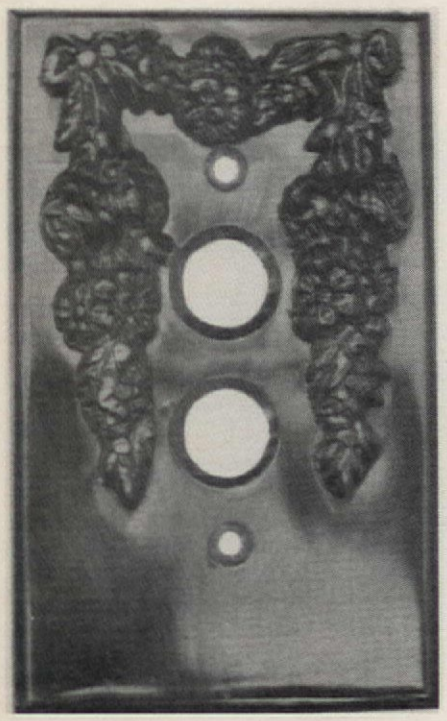
For more information on these companies, consult the SourceList on pp. 131-136.



The Grant Court single shade from REJUVENATION LAMP & FIXTURE CO. would be well suited for a commercial building. The glass globe is made from an original antique mold. The fixture measures 16 in. in dia., with a standard length of 16 in. and a 10-in. ceiling canopy. *Write in No. 7630*



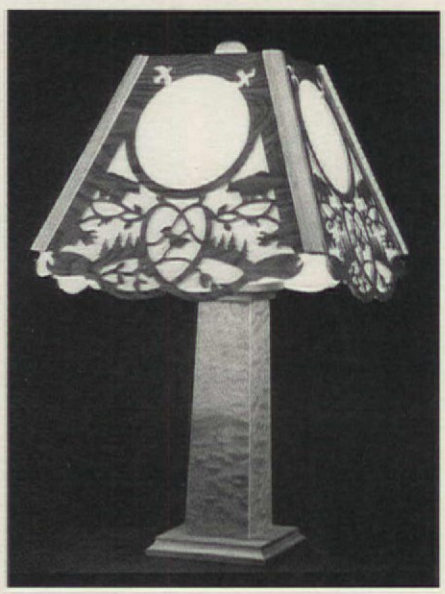
The Colonial-style C170-8 wood-bodied chandelier from PERIOD LIGHTING FIXTURES, INC., features aged tin arms and tulip bobeches. *Write in No. 301*



CLASSIC ACCENTS' style 110 cast-brass plate features a rose-pattern floral design. It has a mirror finish and is lacquer coated. Besides this two-button plate, the company also offers a six-button version and a multiple-socket plate. The firm also supplies push-button light switches. *Write in No. 4850*



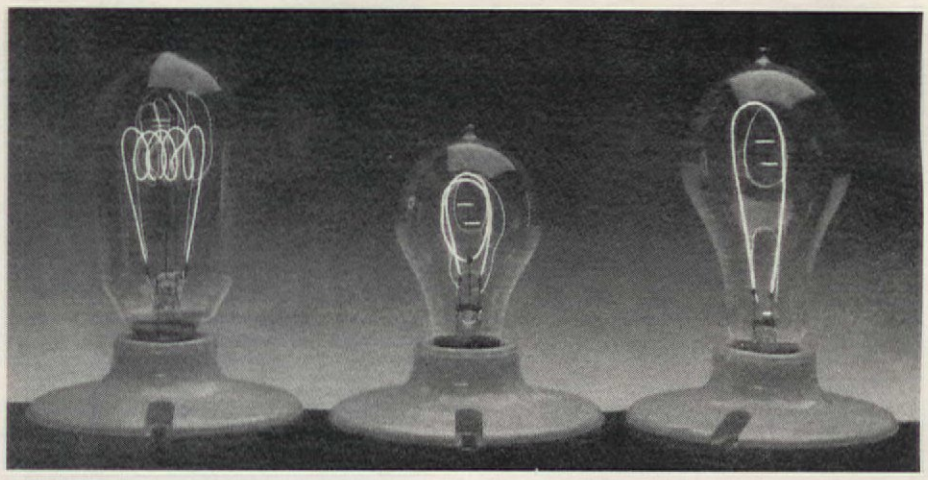
AUTHENTIC DESIGNS model CH-213 is a brass 10-arm fixture measuring 22-1/2 in. x 26 in. in dia. *Write in No. 60*



PENROSE WOODWORKS created this cut-out shade fixture as a prototype for similar fixtures going into a lodge at Yellowstone National Park. This version has a curly maple base and a shade of birch plywood and bark paper, decorated with bears in tree branches. *Write in No. 289*



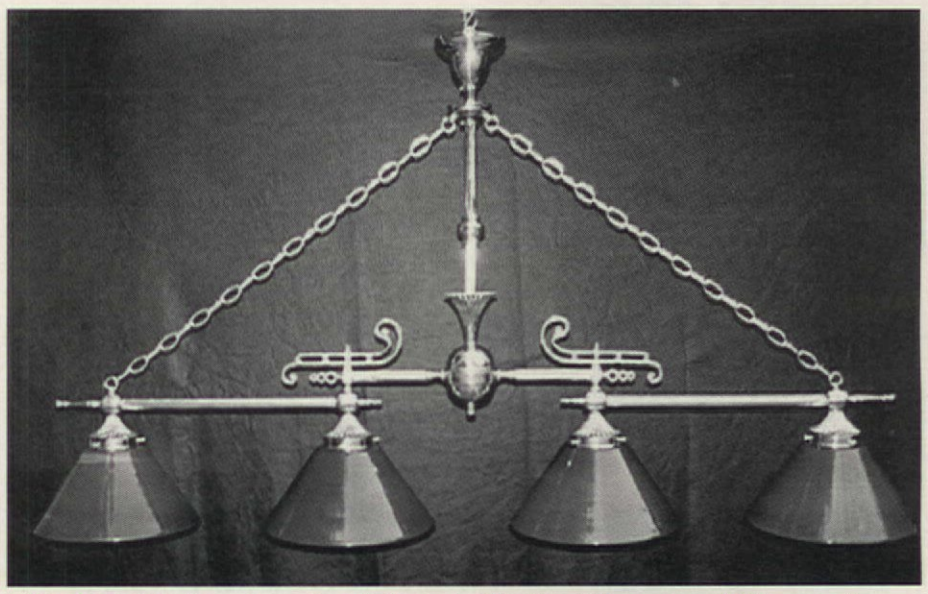
The galleries of the Oklahoma State Capitol Building are illuminated with post fixtures cast by BALL & BALL CUSTOM LIGHTING. *Write in No. 7660*



Edison bulbs from AAMSCO LIGHTING are authentically detailed, circa the 1890s to 1920s — right down to their looped carbon filaments. *Write in No. 2240*



ARCHITECTURAL FEATURES/ CHARLES MADDEN created a computerized CAD-system-emulation for a church in Pennsylvania. The plan also includes motorized and technological lighting functions, including a lift system that will lower the fixtures from their 40-ft. height for bulb changing. *Write in No. 1500*



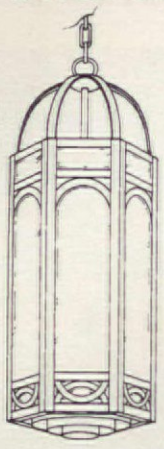
BROOKE GROVE makes a four-light pool-table chandelier using solid brass and commercial-grade wiring. The fixture is approximately 60 in. wide x 36 in. tall. *Write in No. 2010*



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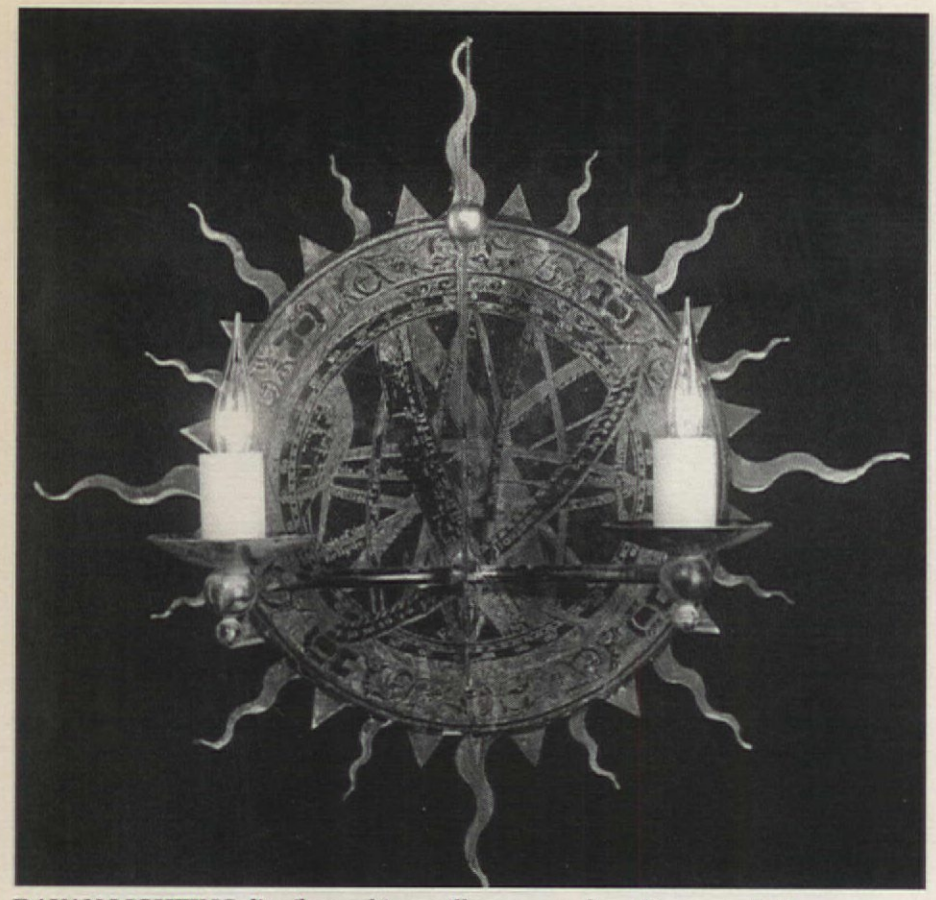
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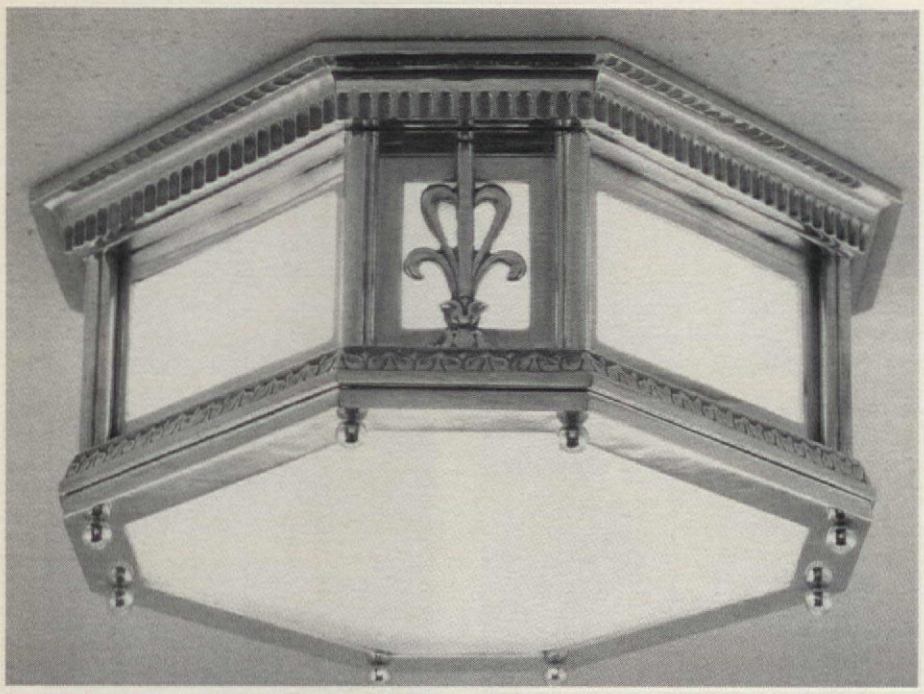
For more information on these companies, consult the SourceList on pp. 131-136.



DAVAN LIGHTING distributes this armillary sconce from European designer McCloud Lighting Co. It's shown here in French bronze with a verdigris pattern, fitted with standard card sleeves and optional flame bulbs; it measures about 22 in. high and



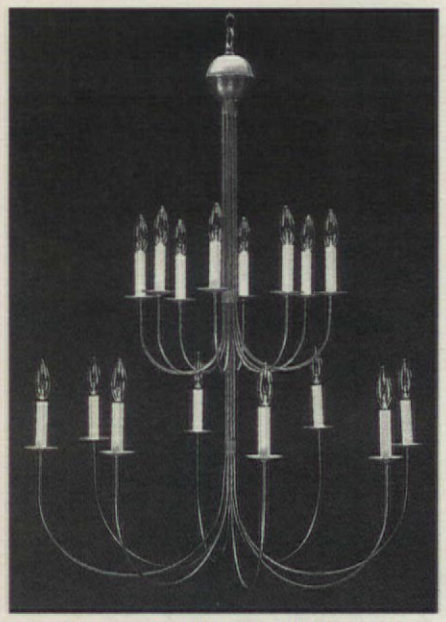
HISTORICAL ARTS & CASTING created new lighting fixtures for a law library in the Philip Johnson building at 190 South LaSalle in Chicago, Ill. The two-tiered bronze fixtures measure approximately 2-1/2 ft. tall; the larger ring is approx. 5 ft. in dia. *Write in No. 1210*



URBAN ARCHAEOLOGY's line of alabaster lighting includes #GNL 003, the sculptured dish with ring (left), measuring 18 in. deep with a minimum 15-in. height and an 18-in. adjustable drop; the standard bowl at right, #GNL 006, is shown with tassels and an 18-in. adjustable drop. *Write in No. 2990*



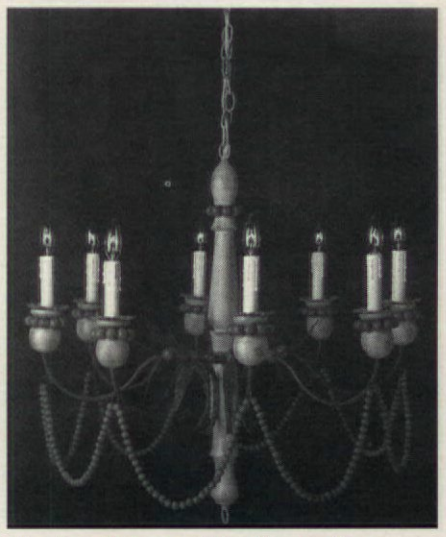
The CRYSTORAMA Bordeaux Collection includes sweeping arms, brass cast with an old bronze finish. The chandelier is also available in a smaller six-light version, and even as a two-light sconce. *Write in No. 1370*



This delicate COPPER HOUSE 16-light chandelier, #916, measures 38 in. wide x 45 in. tall. *Write in No. 7290*



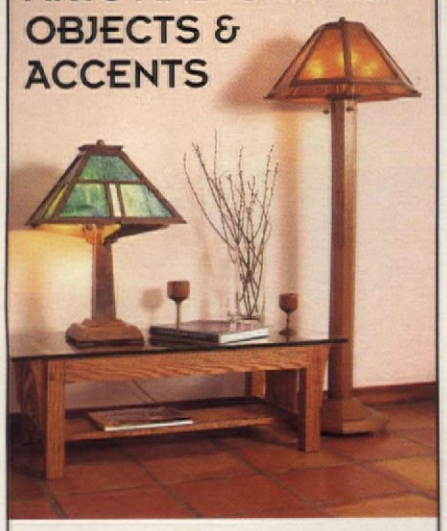
This iron and frosted-glass lantern with hand-forged components from HAMBEL & ASSOC. sports an antique-rust finish and is 48 in. high x 16 in. wide, with a 23-in. projection. *Write in No. 277*



The Mardi Gras ceiling fixture from PALMER HARGRAVE LAMPS is made from painted wood and French tole metal. It measures 30 in. high x 30 in. wide. *Write in No. 7530*

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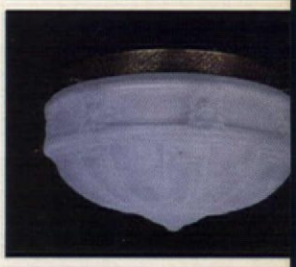
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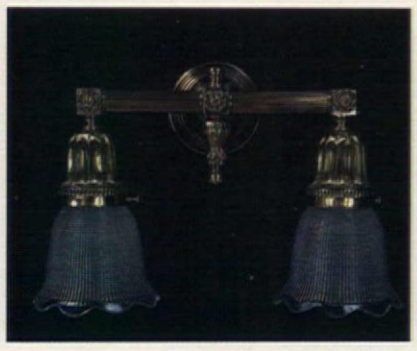
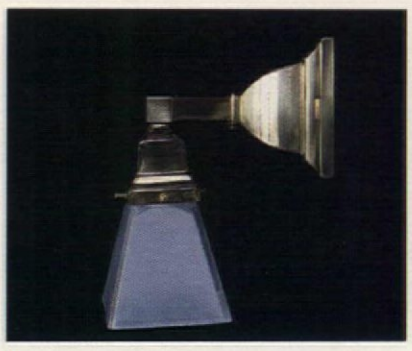
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"When contacting companies you've seen in the issue, please tell them you saw their listing in Traditional Building."

The Editors

The Turn of the Century Lighting Company

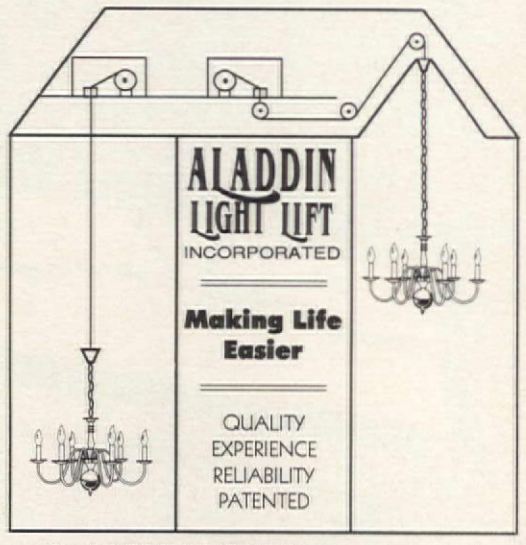
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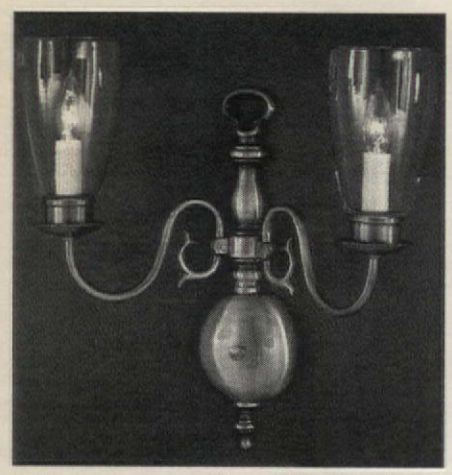
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WRITE IN NO. 7850

INTERIOR LIGHTING PORTFOLIO

For more information on these companies, consult the SourceList on pp. 131-136.



Williamsburg-type chandeliers in solid brass are available from NEWSTAMP LIGHTING CO. The 702G double-arm wall sconce is 15 in. wide, 14 in. high, and features Hurricane globes and two candle bulbs. *Write in No. 800*



ORIGINAL CAST LIGHTING CO.'s #CLB-24-VT-DP1-0 is a cast- and spun-brass pendant for a 4-26W compact fluorescent lamp. *Write in No. 4360*



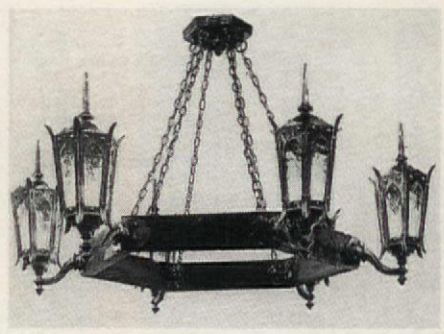
NEW BLUE MOON fabricated 23 iron and glass lighting fixtures in several sizes for this project, in which the lanterns shown here illuminate and ornament the pool room. *Write in No. 3900*



The nine-light chandelier, #2268 from NEW YORK GAS LIGHTING CO., measures 47 in. high and 33 in. in diameter from its embellished arms. *Write in No. 5380*



Chandeliers in Colonial interiors often featured turned wooden bodies, like this eight-arm fixture CH203, measuring 21 in. high x 32 in. wide, from LIGHTING BY HAMMERWORKS. *Write in No. 5090*



A church or Great Hall would be a suitably grand space for the hexagonal lantern #B-439 from HERWIG LIGHTING. *Write in No. 9130*



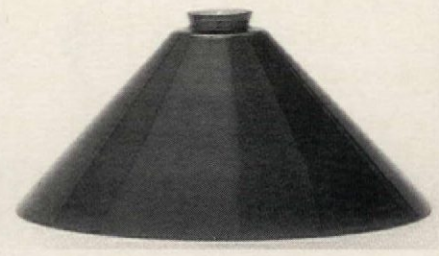
Strass, Czechoslovakian, Venetian, and German crystal chandeliers are available from KING'S CHANDELIER CO., which can also make sconces to match any of their chandeliers. *Write in No. 5280*



The Cloudburst Ceiling fixture (#038) is one of the Arts & Crafts-influenced fixtures available from MISSION SPIRIT. *Write in No. 5820*



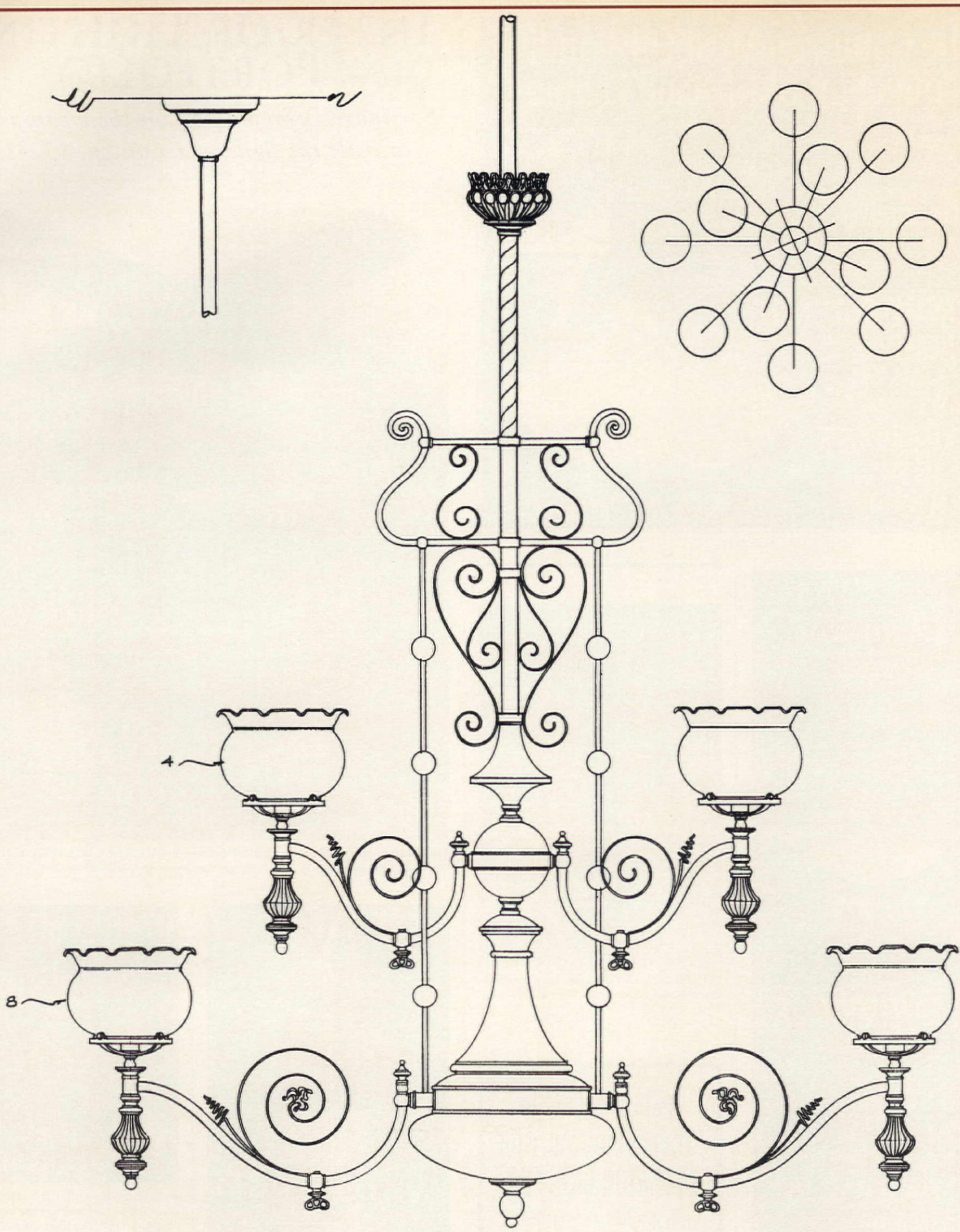
MICA LAMPS Mesa Chandelier (#107) is a 28-in.-long, 24-in.- dia., Mission-style chandelier with four sockets of up to 100 watts each. *Write in No. 5870*



This glass lampshade, #2534 from OTTESON, may look like a typical banker's shade, but it's available in several sizes and a range of colors, including a vibrant turquoise. *Write in No. 1045*



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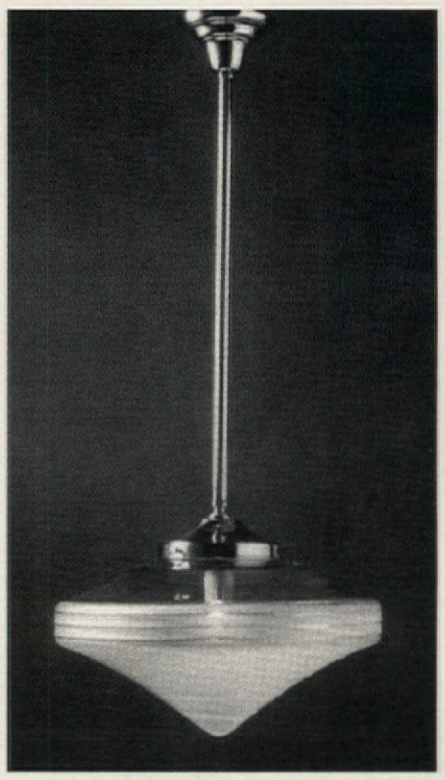


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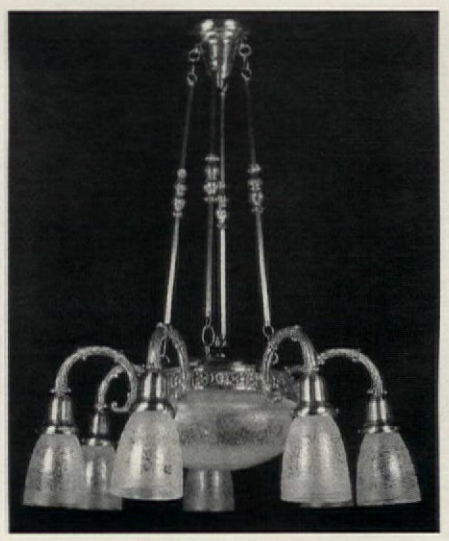
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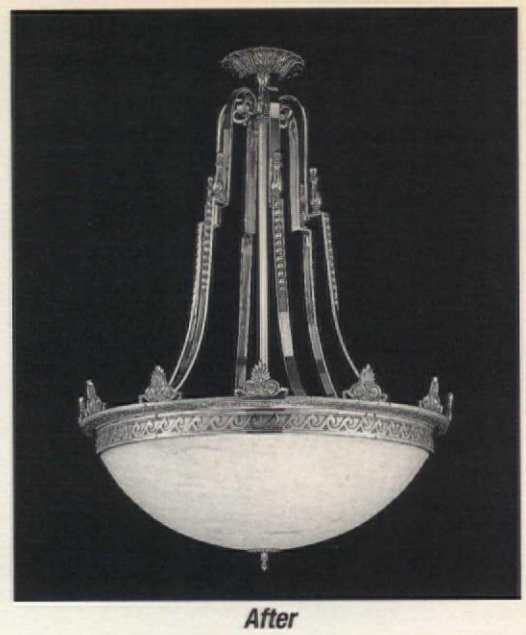
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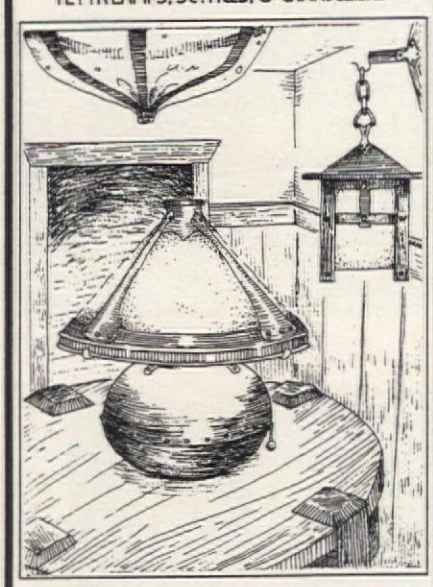
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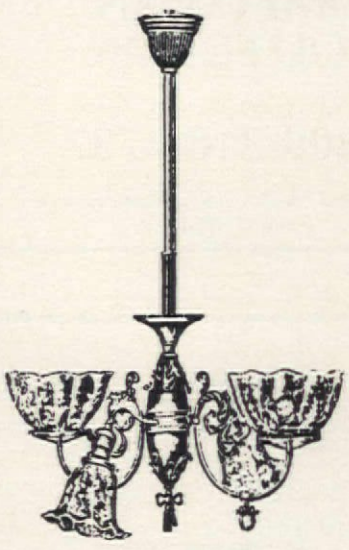


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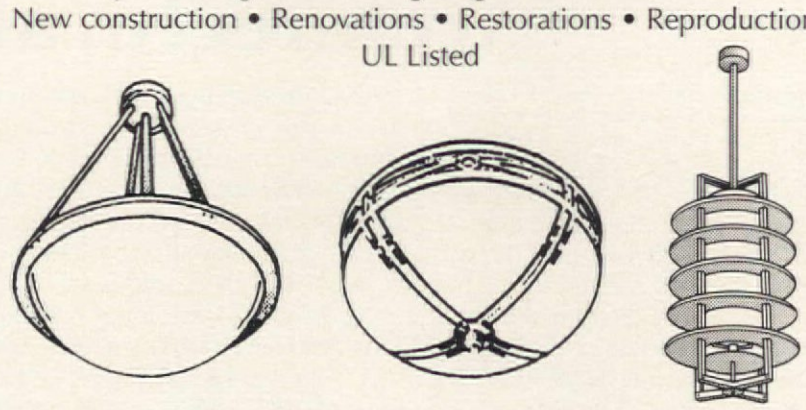
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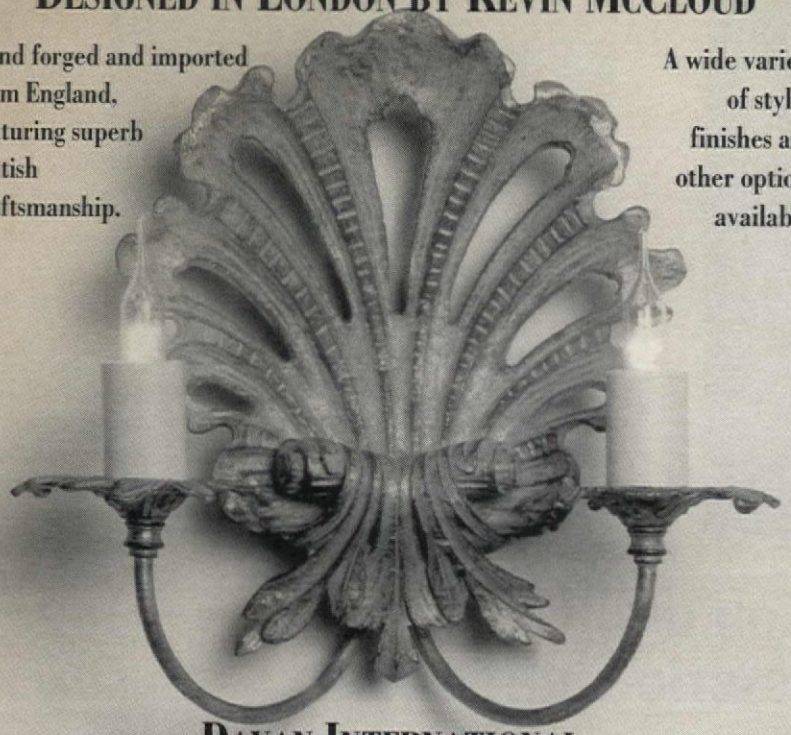


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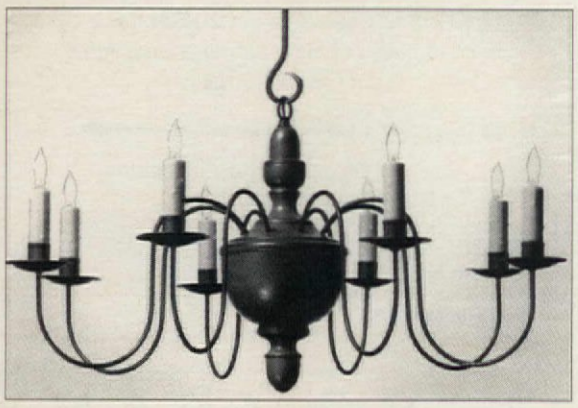


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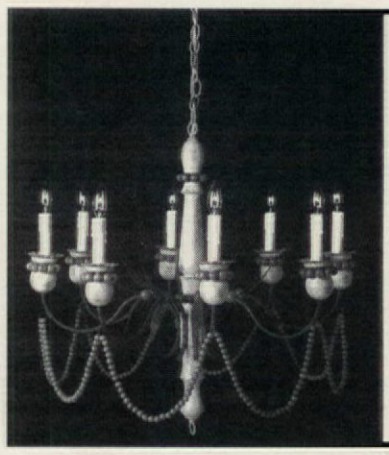


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Architectural Salvage As Art

Irreplaceable Artifacts: Decorating the Home with Architectural Ornament, by Evan Blum & Leslie Blum; photographs by David Frazier; N.Y., Clarkson Potter, 1997; ISBN 0-517-70486-2; $35; 208 pp.; Hardcover.

Once relegated to the city dump, architectural salvage has, over the past 25 years, become an art form. Just about every major city now has a company supplying one-of-a-kind architectural salvage. Evan Blum, the owner of Irreplaceable Artifacts of New York City and a rescuer of building ornament for two decades, created this eponymous book with his architect-sister Leslie.

In 208 pages, with more than 150 full-color photographs, the authors explore the art of the lost and found. Chimney pots are transformed into garden lamps, masonry stars are used as candleholders, and Art Deco grilles become bedroom backboards. And while it is subtitled, "Decorating the *Home* with Architectural Ornament," decorated spaces of all kinds are shown — from boardrooms to bedrooms. In addition, a resource section provides information on buying, restoring, and maintaining ornament of wood, stone, glass, and metal.

While restorers have long used salvage houses as a resource for claw-foot tubs, hardwood doors, and ornate mantels, they've also become repositories of ornamental art. Fancifully decorative terra-cotta fragments, metal grilles, and facade elements are also explored. The authors liken such artifacts to folk art, as many of the pieces were created anonymously by immigrant craftspeople who incorporated wonderful themes. Many such elements, like ornate hand-carved stone or wood, would be very expensive to recreate in the same manner today.

Some elements have become so popular that companies now make copies of the reused antique elements; note the recent popularity of cast-stone pedestal tables and terra-cotta friezes in the garden.

Today, these objects are treated as fine art, as well; just visit the main atrium inside the Art Institute of Chicago, whose walls are decorated with grilles, pediments, and decorative ornament from buildings designed by Adler & Sullivan and other Chicago architects. Perhaps this offers some comfort to lovers of the city's architecture who saw so many buildings by Sullivan demolished in the name of progress. When saving entire structures isn't possible, at least we can continue to enjoy even the smallest fragment of architectural history and incorporate it into our lives. — *Laura R. Allen*



This old terra-cotta panel, one of several hanging on the walls of one of Manhattan's best-known restaurants, Smith and Wollensky, is recessed into the wall to cover the sides, which were never intended to be seen.

SourceList 150-154
Portfolio..... 156-158

Using the Internet to Expedite Restoration Projects

Gilding, a noble craft, has remained virtually unchanged since it was used by the ancient Egyptians thousands of years ago. The World Wide Web, only a few years old, has transformed our cultural landscape. One would hardly think these two would intersect in a practical way.

by **Michael Kramer,** *The Gilders Studio, Inc., Olney, MD*

The Internet is everywhere: We see websites noted on advertisements; more and more people have E-mail addresses on their business cards; there's a plethora of magazines dedicated to the wired medium; and every company, magazine, and government agency seems to have its own website. But how useful is it? Apart from E-mail and information-gathering, does it offer practical uses for those of us in the field?

The following case studies show how the Internet was used to facilitate two different projects: It made the design process for the recently completed redecoration of the Church of the Holy Sepulchre in Jerusalem a little easier; and, at the Lincoln Tomb Historic Site earlier this year, the Internet was crucial to the fund-raising, and made the project possible.

I. The Church of the Holy Sepulchre, Jerusalem

In 325 A.D., the Roman Emperor Constantine the Great, a recent convert to Christianity, sent his mother, Helena, to the Holy Land. There she found the holiest sites in Christendom: the birthplace of Jesus, the site of his crucifixion, and the tomb where he was buried. She instituted construction of the first Holy Sepulchre in 335. Since the construction of that first basilica, this venerated site has been repeatedly damaged and destroyed. The latest structure (built by the Crusaders in the 11th century) suffered substantial damage from two fires and an earthquake — all in the past 200 years. A major restoration and repair was initiated in 1959, and work proceeded in fits and starts until 1979, when the new plaster was applied to the interior surface of the dome. Then everything ground to a halt.

A final artistic design had yet to be approved by the three Christian communities who have joint custody of the dome. Despite numerous meetings, they could not reach a consensus. The scaffold used by the plasterers in 1979 remained in place, shrouding the edicule in gloom and darkness.

Discussions were held over the course of the next 15 years. Finally, in 1994, a design was approved by the custodians. Ara "Corky" Normart, an artist from Fresno, Calif., had formulated the winning design. Corky states, "This marked the first time a major discretionary decision was agreed upon by the three custodians in almost 200 years." A budget was created, funds were pledged by a private donor, and work began on the project almost immediately. A multinational team was put in place to accomplish the decoration. In 1995, The Gilders' Studio of Maryland was chosen to perform the exterior and interior gilding.

The design called for 12 large plaster rays to be applied to the inner surface of the dome, representing the 12 apostles. These elements were to be gilded with 23.5-karat gold leaf, as were a crown of golden tongues below the rays, encircling the oculus. Between each of the gilded rays are three streams of light representing the Trinity. The surface of the dome is painted with a mother-of-pearl background, shading from darker umber at the bottom of the dome, and brightening as the eye travels upward to the center. The field of the dome sparkles with gilded stars.

Corky made a scale model of the dome, which he used to convey the design to the custodians, architects, and artisans involved in the project. There were still layout, texture, and shading determinations that had to be made. Mainly fine-tuning, these could not be done easily on the small scale of the model.

To help expedite the decision-making process, they made a 3-D digital rendering of the interior of the dome. Using this technique, the decorative elements, lighting, and shading could be put into place and manipulated. Normart engaged Stephen Gallagher of The Gilders' Studio to undertake the rendering. A longtime member of the studio, Gallagher also maintains his own business, Art 111 Design, which produces websites, 3-D renderings, and other computer consulting. Because Normart was working with The Gilders' Studio on shading and textures, the lines of communication were already established.

There was one problem: Gallagher is based in central Florida, Normart lives in California, the headquarters of The Gilders' Studio is in Maryland, and the rest of the team is overseas in England and Jerusalem. Prior to 1995, this process would have involved printing the renderings on an output station and sending copies to all involved for comment. Revisions would then be made, more renderings printed and sent out for comments, and then more revisions would be made and renderings printed... This approach would take a lot of time — and money — for delivery services.

In 1995, software was written enabling the Internet to support graphical

continued on following page



This image is a printout from the 3-D digital model created to work out fine points of the design of the new decorative scheme for the dome of the Church of the Holy Sepulchre in Jerusalem. By posting the images on the Gilders' Studio website, there could be almost instant communication between the artist/designer in Fresno, Calif., the gilding artisans in Olney, Md., and the rest of the project team in England and Jerusalem.



The restored dome of the Church of the Holy Sepulchre, Jerusalem, is 70 ft. in diameter and rises over 150 ft. from the floor of the tomb. The rays, stars, and golden tongues surrounding the oculus are gilded with 23.5-karat gold leaf. The wrought-iron balustrades at the base of the dome are gilded with a combination of 12-karat white gold and 23.5-karat gold leaf. Artisans from The Gilders' Studio spent a total of 13 weeks to complete the cleaning, gilding, and painting. *(Photo: John Walker)*

content. In other words, pictures could be viewed over the network. Whether photographs, video, or computer renderings, the images could be posted on one continent and viewed on another almost instantaneously. 3-D renderings could be changed, uploaded, and viewed in a matter of minutes. No more waiting for printers or UPS.

Early the following year, Gallagher established a protected area on The Gilders' Studio website. Using a password, Normart could view the images, make comments, and suggest changes. The new images could be posted in a matter of minutes. Using this technique, the final placement for the stars was made, and several lighting and shading options were explored. Others on the network could observe the procedure, providing they had the password. Yet another onerous process had become much more streamlined. The use of the Internet saved not only quite a bit of time, but quite a bit of money, as well.

On January 2, 1997, the newly decorated dome was inaugurated to the pleasure of Christians everywhere, as well as those involved in the project. While not affecting the ultimate outcome of the project one way or another, the Internet made the job just a little bit easier.

II. Lincoln Tomb Historic Site, Springfield, Ill.

After his assassination in 1865, the body of Abraham Lincoln was transported to his adopted hometown of Springfield, Ill., and laid to rest. An impressive edifice was designed, and in 1870 Lincoln's remains were moved to the new tomb. Visitors could file by and view his crypt from the outside, looking through a window in what is now the rear of the building. In just 30 years, the memorial was crumbling and had to be completely rebuilt. Although the new exterior was fashioned according to the original design, the interior underwent significant changes.

Rededicated in 1902, the tomb had an elegant entry rotunda with a palladium-leaf ceiling. Visitors would proceed down one of two hallways to the burial chamber in the rear of the building. Lincoln's remains now rest below 12 feet of concrete, with an imposing headstone under a 23.5-karat gold-leaf ceiling. Impressive yet somber, the combination of palladium-leaf and gold-leaf ceilings convey the depth of feeling the designers had for one of our greatest statesmen.

The rebuilt tomb was not without its problems. Continually plagued by water leaks, the palladium-leafed rotunda ceiling suffered the most. At some time during the 1950s, the plaster was repaired and the ceiling regilded. Unfortunately, it was gilded with silver leaf, which turned black on short notice.

Although silver resembles the color of palladium, it will oxidize in a relatively short time, even if coated with a clear sealer. Palladium is the only white-colored leaf that will not tarnish. More expensive than gold, palladium leaf has an enduring lustre that will last hundreds of years if the substrate remains stable. No doubt its longevity made it the original designers' choice.

In the early 1980s, water again damaged the plaster and caused the ceiling to be regilded with silver leaf, which promptly turned black. Whether through ignorance, lack of funds, or both, it seemed the rotunda ceiling was fated to be a dark and dingy shadow of its former glory.

The pervasive water was not to be denied. Ten years later, moisture again damaged both ceilings to the extent that the original 23-karat gold-leaf ceiling in the Burial Chamber also required extensive plaster repair and total regilding. The entry rotunda ceiling needed the same treatment. Once again, silver leaf was purchased for the project.

The state of Illinois contracted with The Gilders' Studio to perform the regilding of both ceilings in the tomb in the late fall of 1996, with completion due by early February of 1997. Test scrapings were done on the rotunda ceiling, and two layers of discolored silver leaf were found over the original palladium leaf. The Studio recommended using palladium leaf, but unfortunately, the budget had been exhausted by work done over the previous two years. The silver leaf had already been purchased, and the schedule for completing the work was tight.

It was a shame to use materials that were not appropriate. The state was asked if it would have any objection to the Studio soliciting donations for the purchase of the palladium leaf. The state was encouraging, but time was very short. Announcements were posted to various Abraham Lincoln sites and newsgroups on the Internet. After numerous phone calls and letters to many different individuals, only $4,000 of the required $16,000 had been raised. It was early December and did not look good for reaching the goal.

In the meantime, Doug Pokorsky, a writer for the Illinois Register-Journal, spotted the posting on the Abraham Lincoln Association website. Suspecting a scam of some sort, he checked out the details with representatives of the state. When he learned that the fund-raising was legitimate, he wrote a feature article about the need for donations, which was published in early December. The Associated Press and other wire services picked up the story, and in short order it was distributed nationally, running in newspapers and other media.

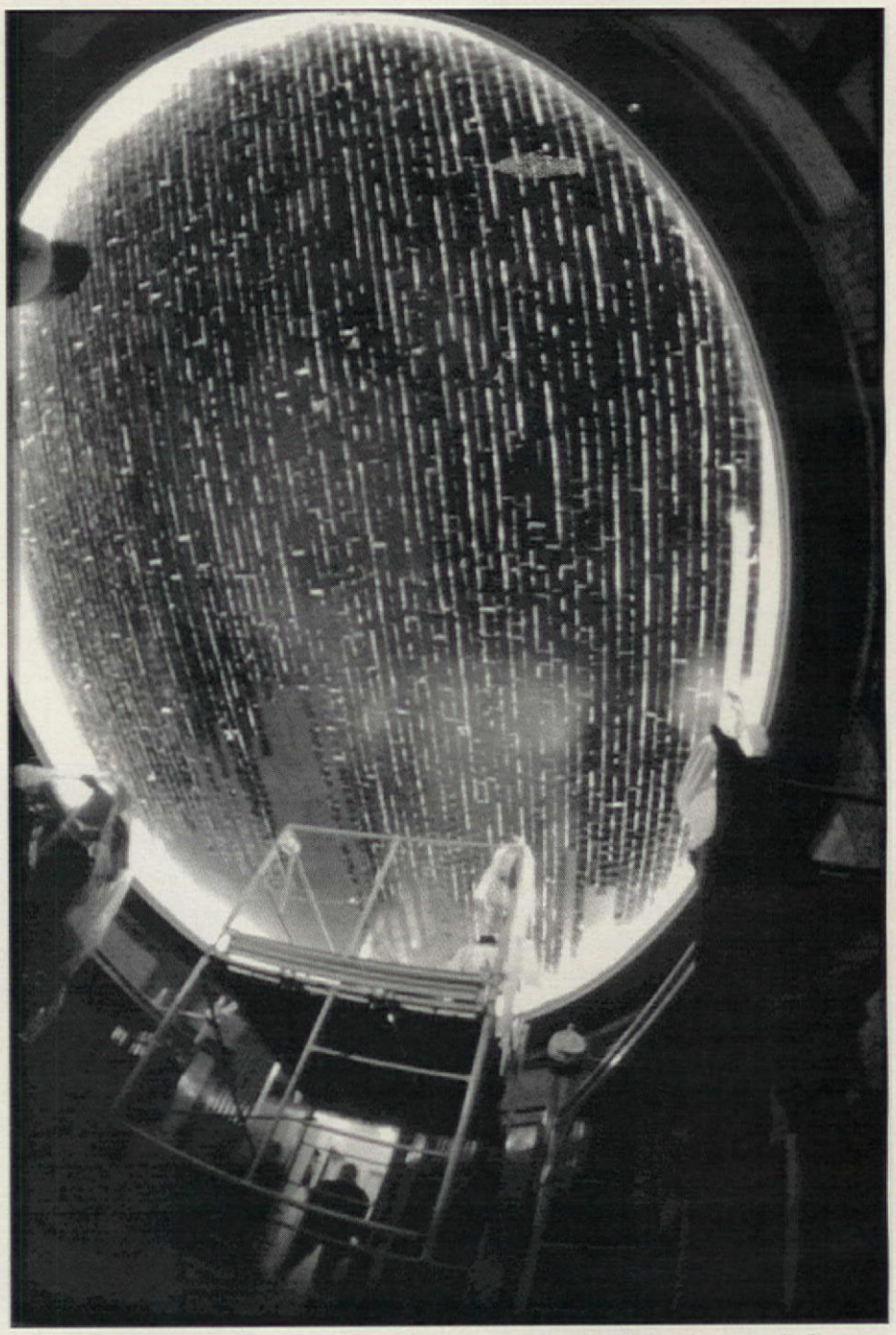
The response was overwhelming. Donations made their way to Illinois from individuals across the country, often accompanied by stories of how Lincoln had touched their lives. Most of the contributions ranged from $5 to $20. A high school class in Chicago donated $1,000. A Civil War association donated $2,000, and there were generous contributions from other individuals and organizations. By the end of December, more than enough money had been raised, and the new palladium-leaf ceiling was in place by February 5.

On February 12, Lincoln's Birthday, there was a ceremony to rededicate the newly gilded ceilings. Susan Mogerman, Director of the Illinois Historic Preservation Agency, thanked all the individuals and organizations for their contributions. After many years, the rotunda ceiling in Lincoln's Tomb was returned to its original enduring lustre of palladium. Had it not been for the Internet, the outlook would have been gloomy indeed.

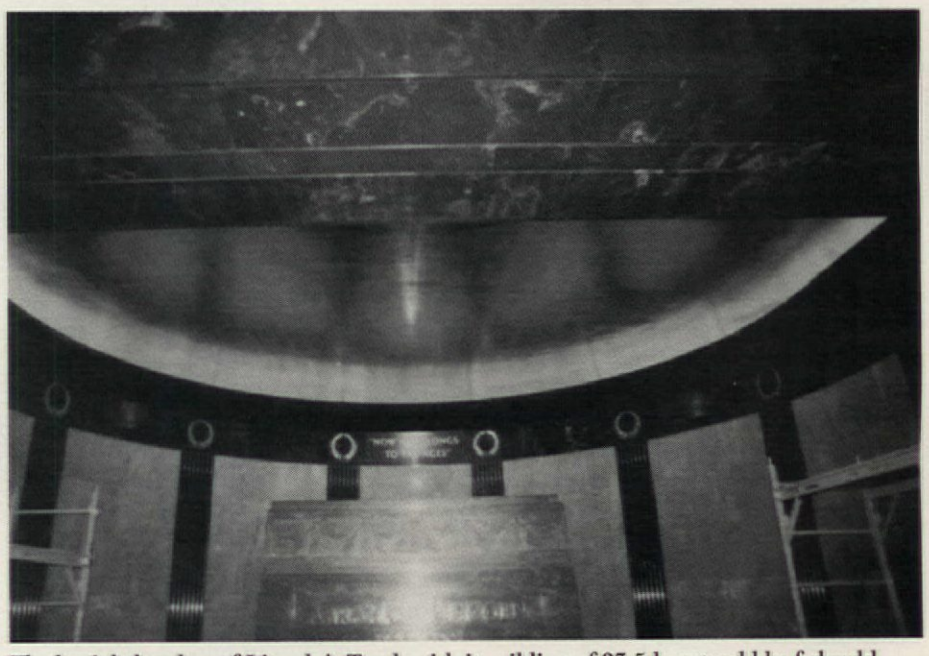
Michael Kramer is founder and president of The Gilders' Studio, Olney, Md. The firm is known for large architectural gilding jobs across the U.S. and overseas. Kramer also teaches the art of gilding at a number of institutions. The Gilders' Studio website, which figured so prominently in this article, can be visited at http://www.gilders.com.



Artisans used $16,000 worth of palladium leaf on the entry rotunda ceiling of Lincoln's Tomb in Springfield, Ill. The existing surfaces were cleaned, sealed, and primed prior to re-gilding with the precious palladium. Silver leaf, installed in the rotunda in the early 1950s, had tarnished within 5 years. *(Photo: The Gilders' Studio)*



In this progress photo, the new palladium leaf has been installed in the rotunda, but not yet polished. *(Photo: The Gilders' Studio)*



The burial chamber of Lincoln's Tomb with its gilding of 23.5-karat gold leaf should shine for hundreds of years. *(Photo: The Gilders' Studio)*

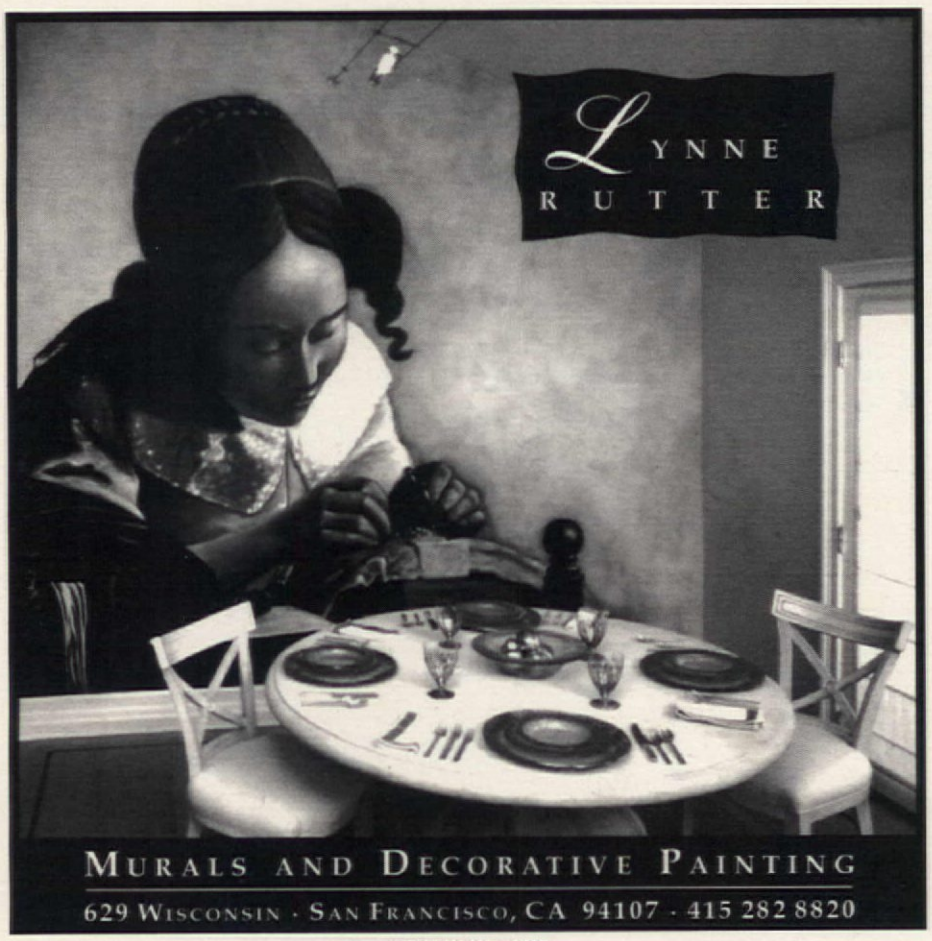
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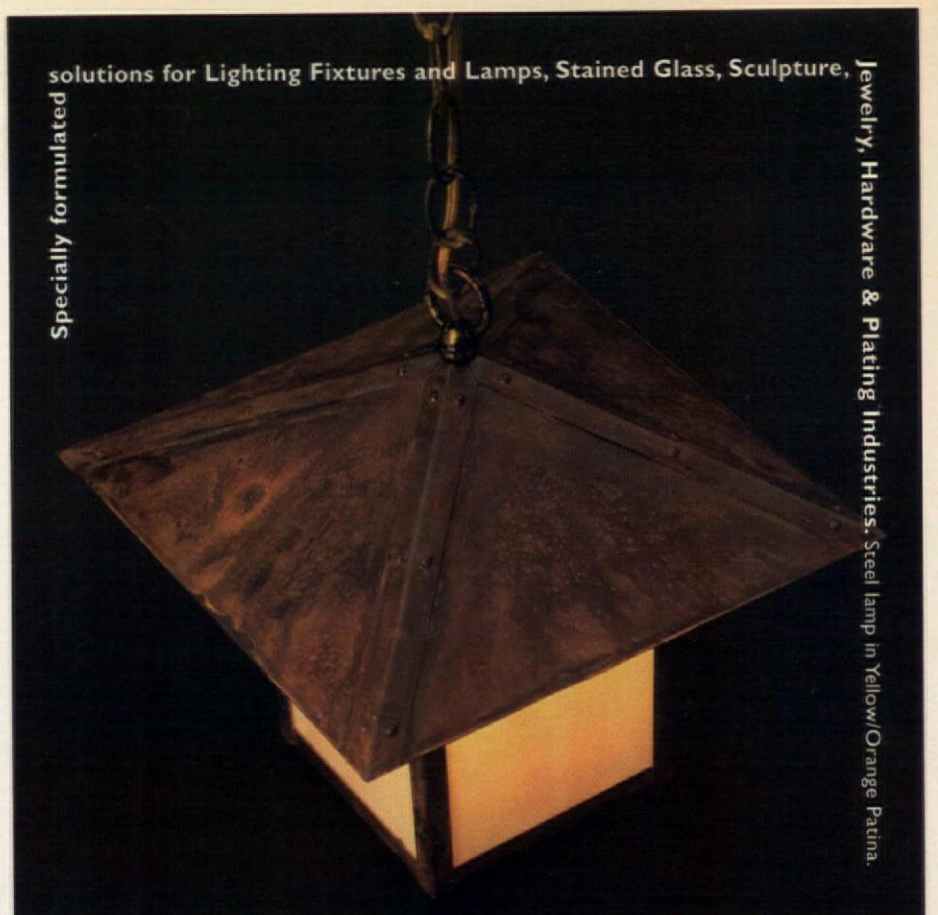
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COMPANY	SPECIALTY	Literature	PAINTING TECHNIQUES									SUPPLIES			Range of Travel
			Stencilling	Murals	Gilding	Graining/ Marbleizing	Glazing	Trompe L'Oeil	Paint Conservation	Plaster Repair/ Conservation	Other	Finishing	Gilding	Other	
Architectural Features/Charles Madden 21 Conwell Dr., Dept. TB Maple Glen, PA 19002 215-646-1599; Fax: 215-643-7272	National and international art creations for government, institutions, and church projects; works in mosaic, glass, bronze, marble, and tapestry; fully dimensional sculptures and mural projects are a special service.	Free Write in No. 1500		x	x										Worldwide
Art Essentials of NY, Ltd. 3 Cross St., Dept. TB Suffern, NY 10901 800-283-5323; Fax: 914-368-1535	Gold-leaf, silver-leaf, metal-leaf, and imitation-leaf products; books, kits, tools, supplies, videos, and more.	Free			x							x			National
Barry Leach, Muralist 201 Ansley Villa Dr., Dept. TB Atlanta, GA 30324 800-484-8313; Fax: 404-705-9333	Muralist with over ten years' experience in decorative painting for residential and commercial projects.	Free		x		x		x							National
Belle Calin Arts 1821 York Ave. North, Dept. TB Minneapolis, MN 55422 612-522-1973; Fax: 612-522-1973	Paintings, murals, and painted furniture and screens; research and design services; color renderings.	Free Write in No. 1400		x				x							Studio or onsite
Billet Collins Studio, The 14130 Esworthy Rd., Dept. TB Darnestown, MD 20874 301-670-5550; Fax: 301-869-9628	Full capability studio offers research and design services in a complete range of styles. Three generations of internationally trained artists. Portfolio includes hand-painted fabrics. Work internationally.	Free	x	x	x	x	x	x			Floorcloths, fabrics				Inter-national
Brushworks, Inc. P.O. Box 484, Dept. TB New Hope, PA 18938 215-598-3318; Fax: 215-598-8181	Creates original and historic murals, sculpture, trompe l'oeil, wall finishes, and fine decorative painting for museums, hotels, restaurants, and private homes.	Free Write in No. 19	x	x	x	x	x	x							National or inter-national
Canning Studios, John P.O. Box 822, Dept. TB Southington, CT 06489 860-621-2188; Fax: Same as phone	This studio specializes in conservation and restoration of painted ornamentation. The design and execution of murals and decoration is suitable to period interiors.	Free Write in No. 5100	x	x	x	x	x	x	x	x	Faux finishes, color research				National
Cheryl Parsons Designs 6740 SW 117 St., Dept. TB Miami, FL 33156 305-663-3232; Fax: 305-663-4737	Custom murals, trompe l'oeil, and ceiling paintings on canvas for simple installation in residential and commercial properties. Also, specialty finishes and wall treatments: glazing, ragging, strie, color washing, and faux finishes.	Free	x	x	x	x	x	x							National
Conrad Schmitt Studios 2405 South 162 St., Dept. TB New Berlin, WI 53151 800-969-3033; Fax: 414-786-9036	Since 1889, this studio has decorated and restored hundreds of theatres, churches, hotels, train stations, and other buildings of architectural and historic significance throughout the U.S.; created and conserved murals.	Free Write in No. 8040		x	x	x	x	x	x	x					National
Daprato Rigali, Inc. 7956 Oakton St., Dept. TB Niles, IL 60714 847-692-6350; Fax: 847-692-3445	Restoration and creation of works for historic buildings and ecclesiastical buildings; stained-glass design, creation, and fabrication. Decorative painting and mosaic design. Statuary; work in marble and bronze.	Free Write in No. 334		x	x	x	x	x	x	x					National
Decorative Arts Studio by R&R Muto 561 South Clinton Ave., Dept. TB Rochester, NY 14620 716-232-6030; Fax: 716-232-8563	Murals, gilding, graining, glazing, trompe l'oeil, and all forms of freehand decorating and custom designing to create classic and contemporary environments. Work on site or in studio.	Free Write in No. 2550		x	x	x	x	x							National
Easy Leaf Products 6001 Santa Monica Blvd., Dept. TB Los Angeles, CA 90038 800-569-5323; Fax: 213-469-0940	Full line of genuine and composition gold-leaf products for interior and exterior restoration projects; in stock for immediate delivery.	Free Write in No. 1980			x								x	Tools	
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Fabulous Finishes Rt. 2, Box 245-1, Dept. TB Decatur, TN 37322 423-334-5605; Fax: 423-334-5358	Decorative painting, including wall glazing, faux finishes, wood graining, murals, and trompe l'oeil; metal finishes with patinas and faux finishes on metal.	Free Write in No. 284		x	x	x	x	x			Patinas and faux finishes on metal				Inter-national
Faux Effects 3435 Aviation Blvd. A4, Dept. TB Vero Beach, FL 32960 800-270-8871; Fax: 561-778-9653	Manufacturer of unique water-based faux-, decorative-, and furniture-finishing products and systems. Workshop training available across the U.S. Website at: www.fauxfx.com.	Free Write in No. 4690				x	x	x			Venetian plaster, furniture painting, fresco	x		Faux finishing products, classes	
Faux Finish Studio, Inc. 700 Evans Creek Ct., Dept. TB San Ramon, CA 94583 510-551-7732; Fax: 510-833-0373	Specializes in art of hand-painted finishes which includes European wall-glazing, trompe l'oeil, stone and marbles, woodgraining, Verre Eglomise, traditional gilding, acid-etched metallics, refined textile art, and brush/pen lettering.	Free		x	x	x	x	x			Verre eglomise				National
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CSI# 12110

COMPILED BY LAURA R. ALLEN

COMPANY	SPECIALTY	Literature	PAINTING TECHNIQUES									SUPPLIES			Range of Travel
			Stencilling	Murals	Gilding	Graining/ Marbleizing	Glazing	Trompe L'Oeil	Paint Conservation	Plaster Repair/ Conservation	Other	Finishing	Gilding	Other	
Grandes Illusions 264 Bowery, 4th Fl., Dept. TB New York, NY 10012 212-966-5301; Fax: 212-979-7462	Full-capability decorative arts and design studio experienced in all faux finishes, trompe l'oeil, and traditional painted effects. Works on mid- to large-size projects, including digital murals on canvas and architectural 3-D renderings.	Free Write in No. 292	x	x	x	x	x	x							
Hayles & Howe 3500 Parkdale Ave., Dept. TB Baltimore, MD 21211 410-462-0986; Fax: 410-462-0989	Custom columns and capitals of any size manufactured from scagliola and plaster; also scagliola balustrades.	Free Write in No. 3520								x					
HillCraft 125 Eleventh St. NE, Dept. TB Washington, DC 20002 202-547-4068; Fax: 202-543-2593	Fine artistic finishes; high-end commercial and residential interiors, featuring delicate, subtle finishes and unusual plaster effects. Painted furniture finishes.	Free	x		x	x	x	x							Worldwide
International Fine Art Conservation P.O. Box 81509, Dept. TB Atlanta, GA 30366 404-794-6142; Fax: 404-794-6229	Research, historic and scientific analysis, and documentation of original finishes; conservation of murals and easel paintings. Decorative painting, faux finishes, ornamental plaster, murals, and paintings.	Free Write in No. 9510	x	x	x	x	x	x	x	x	Faux finishes, color research				Worldwide
Joshua Winer/Architectural Murals 32 School St., Dept. TB Arlington, MA 02174 617-643-3517; Fax: 617-643-3517	Design and painting of exterior and interior murals on commission; all styles and periods; nationwide and abroad.	Free		x				x	x						
Khuzami Studio 552 Broadway, 3rd Fl., Dept. TB New York, NY 10012 212-941-6054; Fax: 212-941-6054	High-quality fine-art murals; artist has worked on murals for a decade, including collaborations with other artists; all projects, from historically oriented to contemporary; public art murals; projects have included work in the U.S. Capitol.	Free	x	x			x	x			Custom				Inter-national
Kozan Studios 808 W. Lake St., Dept. TB Chicago, IL 60607 312-733-3300; Fax: 312-733-3308	Custom studio specializing in the design and production of decorative arts: trompe l'oeil, murals, faux finishes, textural surfaces, gilding, backdrops, props, and displays; computer-cut vinyl, mosaic, and ceramic surfaces.	Free	x	x	x	x	x	x							Inter-national
Kremer Pigments, Inc. 228 Elizabeth St., Dept. TB New York, NY 10012 212-219-2394; Fax: 212-219-2395	Historic paints and other finishes are recreated from materials made by nature. Over 60 earth pigments, including indigo, cochineal, verdigris, Prussian blue. Oils, waxes, and glues. Extensive line of books.	Free Write in No. 4910										x		Historic paints, pigments, oils, waxes, glues, books	
Landmark Studios 59 Lower Kingtown Rd., Dept. TB Pittstown, NJ 08867 908-730-8895; Fax: 908-730-8851	Custom modeling, moldmaking, and casting. Replication of stone, terra cotta, and plaster. On-site (exterior and interior) restoration of existing stone and plaster work. Field molds taken and "dutchman" repairs made.	Free Write in No. 5000								x					National
Leo Uhlfelder Co. 420 South Fulton Ave., Dept. TB Mount Vernon, NY 10553 914-664-8701; Fax: 914-664-8728	Supplier of high-quality gold leaf for both interior and exterior gilding. Also, gold size, gilders' tools, silver leaf, aluminum leaf, and imitation gold leaf. Products come in packs or rolls.	Free Write in No. 810											x	Metal-leaf tools	
LepoWorks, Inc. 4640 Allentown Rd., Dept. TB Lima, OH 45807 419-339-5370; Fax: 419-339-2787	Designs private, public, and corporate art; interior and exterior works in a multitude of materials, including metal and wood; wood-carving services.	Free Write in No. 1034									Murals in wood, metal, composite materials				
Linda Thomas Fine Art & Design 216 Nichols Ave., Dept. TB Shelton, CT 06484 203-452-5991; Fax:	Trompe l'oeil and narrative murals for residential, corporate, and public spaces.	Free Write in No. 202		x				x							
Marblehead Studio 32 Stacey Dr., Dept. TB Monticello, NY 12701 914-796-1233; Fax: 914-796-1233	Marbelizing, wood graining, glazing, fresco, gilding, stenciling, trompe l'oeil, and murals on walls, floors, ceilings, canvas, or any surface. Restoration and plaster reproduction.	Free	x	x	x	x	x	x		x					Inter-national
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Ruthann Olsson Artifice 36 Litchfield Rd., Dept. TB Norfolk, CT 06058 860-542-5070; Fax: 860-379-3001	Design and execution of painted decoration for commercial and residential; murals, on canvas for installation, architectural trompe l'oeil, and faux stone, grisaille, stencil design, and custom folding screens.	Free Write in No. 303	x	x		x		x							
Patina Finishes & Copper Coatings 3486 Kurtz St., #102, Dept. TB San Diego, CA 92110 800-882-7004; Fax: 619-683-7901	Metal coatings: Copper, brass, bronze, mauve, and pewter for all surfaces. Patina solutions: Green, blue, black, and burgundy. Interior or exterior.	Free Write in No. 3150										x		Metal coatings, patinas	
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WRITE IN NO. 4690

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COMPILED BY LAURA R. ALLEN

COMPANY	SPECIALTY	Literature	PAINTING TECHNIQUES									SUPPLIES			Range of Travel
			Stencilling	Murals	Gilding	Graining/ Marbleizing	Glazing	Trompe L'Oeil	Paint Conservation	Plaster Repair/ Conservation	Other	Finishing	Gilding	Other	
Proper Setting 4577 Belfort Pl., Dept. TB Dallas, TX 75205 214-983-8205; Fax: 214-521-3936	Custom-designed decorative painting; step-and-repeat border patterns and painted art signage, with an emphasis on commercial and residential wall murals for restaurants and homes.	Free Write in No. 267	x	x			x	x							Inter-national
Ritins Studio, Inc. 170 Wicksteed Ave., Dept. TB Toronto, Ont., CANADA M4G 2B6 416-467-8920; Fax: 416-467-8963	Complete line of water-based products and accessories; faux-finish workshops held worldwide; residential and commercial projects.	Free Write in No. 4630	x	x	x	x	x	x				x	x		Inter-national
Rutter Decorative Painting Studios, Lynne 629 Wisconsin St., Dept. TB San Francisco, CA 94107 415-282-8820; Fax: 415-282-8275	Design and production of murals in period and contemporary styles; trompe l'oeil, intricate stenciling, decorative and faux finishes using many media and techniques. Restoration/recreation of historic painted ornament a specialty. Also, commissioned paintings, screens, ceilings.	Free Write in No. 4710	x	x	x	x	x	x			Wax finishes, floor cloths				Inter-national
Sebastian Studios 1777 Yosemite Ave., #4B-1, Dept. TB San Francisco, CA 94124 415-822-3243; No fax	Creator of interior murals on any wall surface, column, or floor. Colors range from soft and subdued to brilliant and energetic. Imagery is abstract. Large, fired, painted clay slabs are often used to give a 3-D effect.	Free		x											National
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Simes Studio 450 W. Surf, #2, Dept. TB Chicago, IL 60657 773-327-7101; Fax: 773-327-9407	Decorative painting, traditional murals, faux-inlaid-wood floors, tinted plaster finishes, and other specialty painting; murals on canvas.	Free	x	x	x	x	x	x							Studio or travel inter-nationally
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Surface Art Studios 711 S. Dearborn, Ste. 603, Dept. TB Chicago, IL 60605 312-341-1827; Fax: 312-341-1841	Studio specializes in decorative painting and custom color consultation for commercial and residential interiors and fine furniture.	Free	x	x	x	x	x	x							National
Surfaces, Inc. Box 693, Dept. TB Woodstock, NY 12498 914-679-6555, in NY 212-787-5178	Artist recreates finishes, including marble, wood, and stone; works on almost any surface. Finishes include lapis, malachite, mother of pearl, turquoise. Techniques include ragging, rolling, sponging, strie, etc.	Free	x			x	x	x							Worldwide
Tedesco Studios 122 West 26 St., Dept. TB New York, NY 10001 212-924-8438; Fax: 212-689-0173	Artist designs and executes site-specific works; from large classical ceiling murals to a decorative faux-inlaid floor; murals, trompe l'oeil, and decorative-painting techniques.	Free		x		x		x							Inter-national
Terra Designs Tileworks P.O. Box 913, Dept. TB Dover, NJ 07802 973-328-1135; Fax: 973-328-3624	Fabricators of custom ceramic tile and ceramic mosaics. Specialists in historic replication; Arts & Crafts-style glazed stoneware mosaics; glazed & unglazed porcelain mosaics; terra-cotta faience; decorative wall tile.	Free Write in No. 2790									Hand-painted ceramic murals				Worldwide
Thee & Associates, Christian 6196 Eastshore Rd., Dept. TB Columbia, SC 29206 800-717-1459 x39; Fax: 803-787-1459	Trompe l'oeil, murals, screens, paintings, ceilings, and painted objects; work on everything from a 46-ft. mural for Trump's Taj Mahal to the windows of Tiffany & Co.; uses only water-based paints.	Free		x				x							Inter-national
Wehrung & Billmeier 1924 Eddy St., Dept. TB Chicago, IL 60657 773-472-1544; Fax: Same as phone	Supplier of high-quality metallic leaf for four generations. Silver and gold leaf for gilding from 12K to 24K. Also, aluminum leaf, imitation gold leaf, and gilding supplies. Products come in books, packs, or rolls.	Free Write in No. 8900											x		
Westman Decorative Painting 540 West Boston Post Rd., Dept. TB Mamaroneck, NY 10543 800-909-FAUX; Fax: 914-698-1684	Any decorative-painting technique; most finishes available on canvas; in-house design staff; wood graining, contract wallcovering, and installation; work primarily in New York tri-state area.	Free flyer	x	x	x	x	x		x					Instruction	Studio, 1-day's travel
X Design 411 Holtzman Ave., Dept. TB Columbus, OH 43205 800-258-4879; Fax: 614-258-4878	Production art studio specializing in custom wallcoverings, murals, faux finishes, furniture, accessories, design objects, and "pop" art.	Free	x	x		x	x	x	x					3-D design	Worldwide
Zetlin Interiors 248 East 21 St., Dept. TB New York, NY 10010 212-473-3291; No fax	Murals, trompe l'oeil, and decorative painting on anything.	Free		x		x		x	x						National

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DECORATIVE PAINTING PORTFOLIO

For more information on these companies, consult the SourceList on pp. 150-154.



The attractive faux-burl treatment of the walls in this Montgomery, Ala., interior was executed using the water-based finishing materials by FAUX EFFECTS. *Write in No. 4690*



Transparency and lightness characterize this detail from the grand 7-1/2-ft.-x-22-ft. mural created by THE DECORATIVE ARTS STUDIO OF R&R MUTO for the executive boardroom of the new Bausch & Lomb World Headquarters in Rochester, N.Y. *Write in No. 2550*



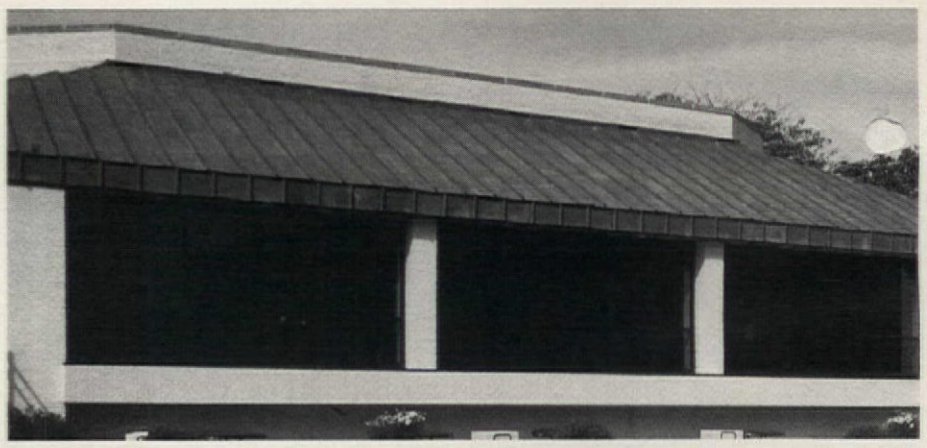
This concrete, poolside grotto in Wrightstown, Pa., was reconceived in the style of Raphael's Logetta in the Vatican by the gifted artists of BRUSHWORKS, INC. *Write in No. 19*



At the Restoration/San Francisco show, master gilder John Sansbury displayed a variety of EASY LEAF gilding supplies and methods. *Write in No. 1980*



Pictured here is a detail of an epic, 40-ft.-long mural by GRANDES ILLUSIONS for a restaurant in Germantown, Md. An oil painting on canvas, hung like wallpaper in two large panels, this imaginative work depicts the history of aviation, from the early days of mail flights to the latest takeoffs of the space shuttle. Smaller, related paintings are also part of the restaurant's decor, such as the one visible just below the center of the mural. *Write in No. 292*



Using the Thermo Copper Coating from PATINA FINISHES & COPPER COATINGS, the roof of this building in Chicago's Brookfield Zoo was transformed from reddish brown to the aged green typical of patinated copper. *Write in No. 3150*

Instant Access to Product Literature for DECORATIVE PAINTING & FINISHES

If your office qualified to receive the 1997 TRADITIONAL BUILDING CATALOG, you'll find prefiled and indexed product literature there for the following suppliers of Decorative Painting & Finishes:

- A & C Distributors Patinas
- Architectural Features/ Charles Madden
- Modeworks, Inc.



The artisans from FABULOUS FINISHES create expert effects when painting interiors, from murals to woodgraining; but they can also bring new life to furniture, as can be seen with the handsome painted finish on this desk. *Write in No. 284*

DECORATIVE PAINTING PORTFOLIO

For more information on these companies, consult the SourceList on pp. 150-154.



Dinner is served — provided you're cooking up your own historical paints and finishes from the authentic natural pigments available from KREMER PIGMENTS, INC. *Write in No. 4910*



For the Mall of America in Minneapolis, Minn., MODEWORKS created a 6-ft.-x-40-ft. mural inspired by Classical mythology. *Write in No. 7640*



RUTHANN OLSSON executed this still life — which is full of movement and rhythm — as part of a larger work-in-progress. *Write in No. 303*



The Casino Niagara in Niagara Falls, Canada, turned to RITINS STUDIO for the striking, starlike painting of their great domed ceiling. *Write in No. 4630*



Along with several state-capitol buldings in the United States, the artists of INTERNATIONAL FINE ARTS CONSERVATION STUDIOS, INC., have also done outstanding projects in Europe; pictured here is their extraordinary work for The Foreign Office in London, England. *Write in No. 9510*

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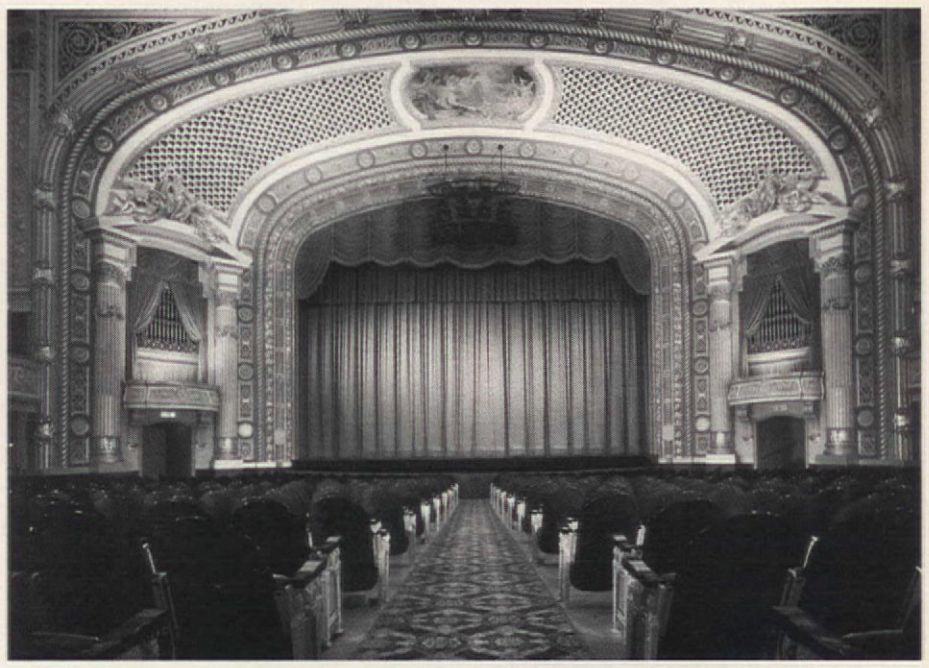
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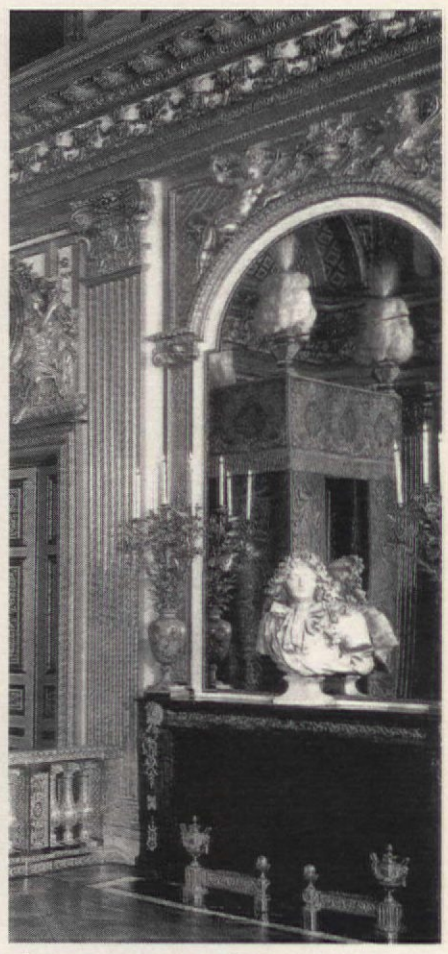
WRITE IN NO. 19



After restoration by the artists and craftspeople of EVERGREENE PAINTING STUDIOS, the State Theatre in Minneapolis, Minn., is dazzling enough to be a show all by itself. *Write in No. 2460*



A little bit of Venice floats into an Italian restaurant in Houston, Tex., in this detail from an over-30-ft. mural created by the artists of THE PROPER SETTING. *Write in No. 267*



The expert artisans of MARSHALL GOLD LEAF STUDIOS restored the gold-leaf work in no less a project than the bed chamber of the King in Versailles, France. *Write in No. 6230*

DECORATIVE PAINTING PORTFOLIO

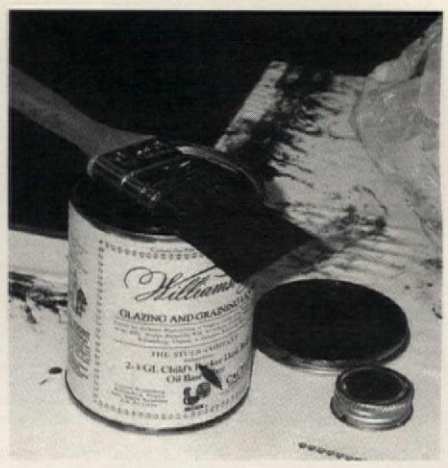
For more information on these companies, consult the SourceList on pp. 150-154.



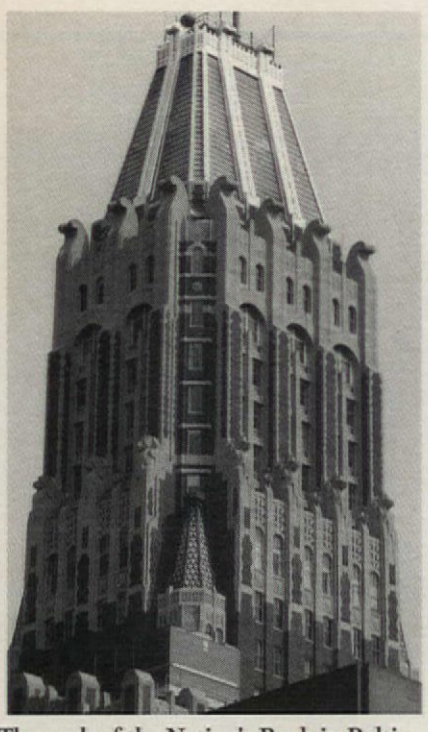
These zoological drapery finials and tiebacks take on a whole new beauty and warmth thanks to the gilding materials and services of SEPP LEAF. *Write in No. 2880*



When artists from FINE PAINTED FINISHES set to work on a wood floor, they can stain and stencil it in a multitude of ways, like this dramatic starburst. *Write in No. 291*



STULB'S OLD VILLAGE PAINTS also offers glazing and graining liquids; applied with different brushes and sponges, they can create a range of handsome period effects. *Write in No. 1100*



The peak of the Nation's Bank in Baltimore, Md., gleams with surfaces gilded by the artisans of THE GILDER'S STUDIO. *Write in No. 8980*



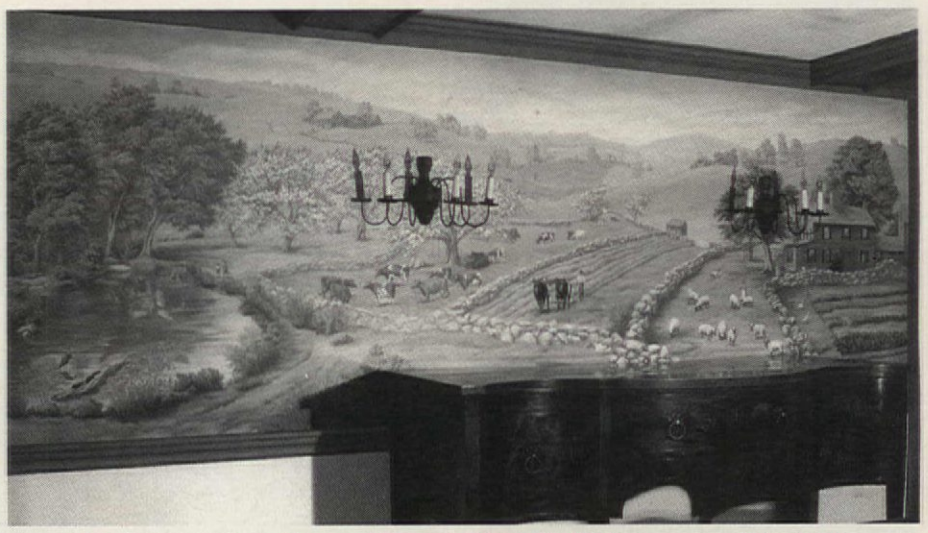
This mural, executed by CHRISTIAN THEE for a department store in Columbia, S.C., uses a computerized lighting system to create the effect of night overtaking the scene, complete with the rising of the moon and lights being switched on "inside" the house.



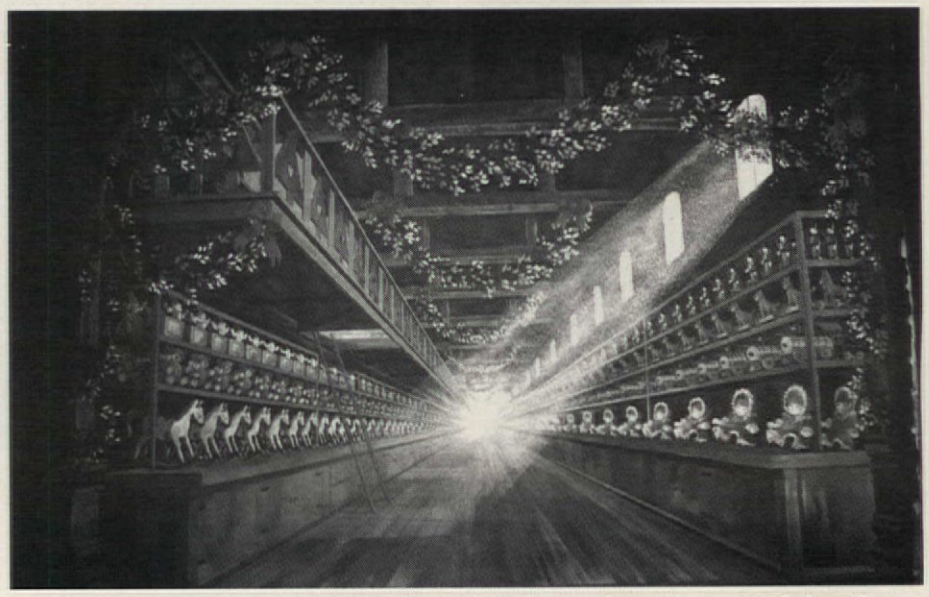
That little girl has good reason to coo with delight: LYNNE RUTTER graced the walls of her playroom in Greenbrae, Calif., with charming pastoral murals. *Write in No. 4710*



Besides reinstating lost original designs and gold leaf for the Lockwood-Mathews Museum Mansion in Norwalk, Conn., the artisans from JOHN CANNING & CO. also stabililized the plaster, cleaned the marble, and repaired and refinished the woodwork. *Write in No. 5100*



For a dining space in New Canaan, Conn., LINDA THOMAS executed this lovely mural, "Spring in New Canaan, c.1810." *Write in No. 202*



BELLE CALIN ARTS executed this delightful glimpse of Santa's vast workshop for the backdrop of a television commercial. *Write in No. 1400*

SourceList 162-164, 170
Portfolio 160, 166, 168

SPECIFYING NEW ART GLASS

Specifying stained or decorative glass for new commercial projects should be more fun than designing concrete footings or laying out electrical conduit and rough plumbing lines. Here, an art-glass consultant provides basic information to achieve familiarity with the strengths and limitations of the materials, as well as the aesthetic possibilities.

by Arthur J. Femenella, *Femenella & Associates*

Stained glass is a magical medium of artistic expression. Bits of fired sand, extruded lead, and vitreous paint are transformed by the sensitive, skilled hands of artist, painter, and fabricator into living tapestries of light. As the sun makes its daily commute through the skies, and clouds dance on the horizon, stained-glass windows awake, stretch, bloom, and explode through varying levels of color and intensity, then gently regress as the sun travels to its night job on the other side of the globe. Stained glass may affect the viewer on many levels, ranging from simple electrical excitement of the rods and cones of the viewer's retinas to a transcendent, spiritual experience.

Decorative glass can be used to hide an unfavorable view, to quietly complement the surrounding architecture, or to create a vibrant focal point that draws one to, and in, a building. The message delivered by the composition can vary from an interpretation of the Old Testament in a church or synagogue, to one of soaring opportunity at a corporate headquarters, or one of harmony and serenity to troubled souls in a hospital waiting room.

Defining Art Glass

ETCHED OR ABRADED GLASS. This glass has had its surface treated with one or more of the following: hydrofluoric acid, copper-wheel engraving, or abrasion through mechanical means. Most of the etched glass used today comprises pieces of 1/4-in. or thicker plate glass or mirror, which have been masked with a resist and sandblasted. This treatment ranges from a simple surface frosting to deep carving that produces three-dimensional effects. There are a number of issues of concern in specifying etched glass. A simple etching of the surface can decrease the rated strength of a piece of glass by 50%. Deep carving can weaken it more. The specifier must allow for this effect by selecting a thicker piece of glass, or specifying the etching on laminated glass. The second option is usually preferred due to code requirements for safety glass in many public and private spaces. Tempered glass can be lightly etched, but one always runs the risk of losing the sheet during the process. Deep carving glass and then illuminating the edges with fluorescent tubes can provide dramatic effects, very suitable for restaurant interiors or corporate reception areas. Etched glass can be incorporated into leaded-glass compositions as well.

BEVELED GLASS. This glass, usually clear and 1/4 in. or thicker, has its edges beveled and polished. As light passes through the bevels, they act as prisms and refract the light. Beveled glass is often incorporated into a leaded-glass composition, or beveled mirrors can be applied directly to wall surfaces.

DALLE DE VERRE. Often referred to as slab glass. Each dalle is approximately one-square-foot and a little more than an inch thick. The glass is cut with a glass cutter or diamond saw, the edges are faceted with a special hammer, and the pieces are set into an epoxy matrix. The epoxy matrix is often coated with an aggregate to achieve a desired surface texture. The biggest mistake in most slab-glass installations is the use of too much glass or too much color. Dalle de verre thrives on the negative space within the window. Slab glass tends to have an architectural, contemporary look. The panels are quite heavy and need substantial frames for support. They also have a relatively high coefficient of expansion, so for a weathertight seal, a high-expansion caulk should be used. These windows do not need protective glazing; they are virtually indestructible.

STAINED OR LEADED GLASS. These two terms are often used interchangeably, but the specifier should understand the difference. Leaded glass refers to panels that comprise clear, colored, and/or textured glass held in a lead came or copper-foil matrix. The color transmitted through the glass (or from its reflected surface, as with dichroic or opalescent glass), is a property of its original manufacture. Metal oxides are added to the batch materials in the furnace to provide color (i.e., selenium for yellow, cobalt for blue, etc.). In the case of dichroic glass, an ultra-thin metallic film is applied to the interior surface of the glass. The varying reflective quality of the glass as one's viewing angle changes (governed by the laws of thin film optics) results in the observation of ever-changing color.

Stained glass may incorporate all of the above, with the added dimension that the surface of the glass is further manipulated with trace, matte, or enamel vitreous paint or silver stain — the one true "stain" in stained glass. Vitreous paint is composed of finely ground glass, metallic oxides, and a flux, carried in a variety of media (alcohol, oil, water, etc.). The paint is applied to the surface of the glass by the artist with brushes, stencils, airbrush, or old sponge, and then further manipulated with stipplers, blenders, or sharpened sticks while and/or after it dries. The painted piece is then placed in a kiln and fired until the paint vitrifies and fuses to the surface of the glass.

Silver stain is a combination of silver nitrate and gum gamboge suspended in a medium for application to the exterior surface of the glass. While in the kiln, the silver stain permeates the glass and reacts chemically with the molecular matrix to imbue color on the surface and within the glass. Stain is usually applied to clear or lightly tinted glass. The fired color may range from pale yellow to deep orange. The exact color attained is a function of the chemical composition of the stain and the glass, and how they interact. Silver stain may also be applied to more deeply colored glass to subtly alter its color, such as application to blue glass to make it green.

Initial Considerations

Depending on the magnitude and budget available for the project, it is an excellent idea to get a consultant, artist/designer, or craftsperson involved at the early stages of specifying a project. An experienced glass person can steer the project down the right path from its inception, obviating the need to jury-rig an installation two days before the building opens to the public. These professionals can comment on the overall design, the type of glass that would complement the setting, and the location that would best showcase the art-glass work. A glass professional may be of great help during the budgeting phase as well. The cost of an art-glass project is primarily a function of the area to be filled, the complexity of the design, and the materials and techniques employed to interpret the design. An experienced designer can integrate complex passages with less expensive backgrounds to provide aesthetically pleasing and cost-effective commissions.

There are two basic schools of designers. One group tends to design windows that become part of the architecture, such as Frank Lloyd Wright or David Wilson, while the other school designs stained-glass works framed by the surrounding architecture, such as Louis Comfort Tiffany or Narcissus Quagliata. A limited few are facile with both approaches. *The Source Book*, published by the Stained Glass Association of America, and headquartered in Kansas City, Mo., provides a list of member studios and designers across the country; there is no need to be limited to the studio around the corner. Contact Kathy Murdock at (800) 888-7422. *The Architect's Source Book*, published by The Guild of Madison, Wisc., (800) 969-1556, provides a forum for independent artists to display their work. See also the *SourceList* and Portfolio following on pp. 160-170; contact the artists, and request a resume and a series of slides. Once a short list is developed, consider paying a design fee to two or three of the designers to prepare a presentation for the design to be employed on the project. Many designers require this fee, and those that don't, greatly appreciate it, which results in a better product for the client. There is no need to look to a single provider for both design and fabrication. In my opinion, the best projects are those with independent designers working in concert with an experienced studio.

Specifying the Job

The total effect on the viewer of any one building element is modulated by its surrounding elements. This rule is especially true of stained glass. The light through the window is diminished by the ambient light on the interior of the building. Will the window be receiving the intense light of the South, the varying light of the East or West, or the quiet light of the North? Is the window to be artificially illuminated? What mood or effect does the owner wish the window to project? Will the window be seen primarily during the day or in the evening? These are important questions to answer during the design phase of the project.

Once a design is selected, or a design direction is chosen, the technical aspects of the project, its materials and procedures, must be specified. The following summarizes the more important sections of the specifications. It is important to understand that the actual specifications are very site-specific to the project being considered. One should avoid boiler-plate project documents for every stained-glass project to be specified.

SUMMARY: The summary of the work should include the following steps: interpretation of design; field measurement of openings; preparation of full-size cartoons; selection, cutting, and surface decoration of glass; leading of windows with proper alloy came; waterproofing of panels; fabrication and application of the support system; and installation of panels.

QUALITY CONTROL: To ensure the success of the project, the studio and its personnel should satisfy the following criteria: (A) The studio should have executed at least four projects of similar scope and magnitude over the past five years. (B) The project manager should have at least seven years' experience working on fabrication projects of similar scope. (C) All craftspeople involved should have at least three years working on fabrication projects of a similar

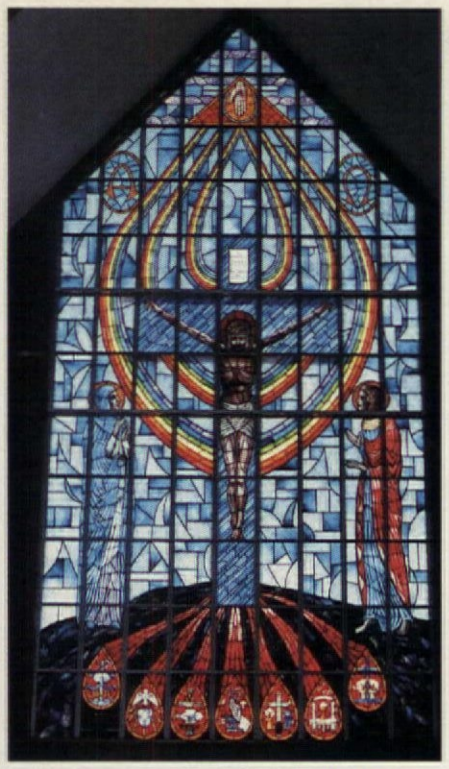
continued on page 169

Art Glass Portolio

For more information on these companies, consult the SourceList on pp. 162-164.



East meets West in this colorful, Japanese-inspired art-glass panel from OXLEY GLASS STUDIOS. *Write in No. 7450*



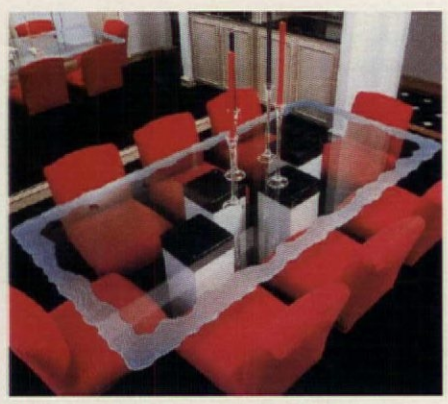
Ecclesiastical stained glass by BURNHAM & LAROCHE brings drama, color, and imagination to the St. Francis Xavier Cabrini Church in Scituate, Mass. *Write in No. 2580*



Real trees and glass flowers combine for a breathtaking window by ART GLASS OF THE SOUTH, which blends the beauty of both nature and art. *Write in No. 2510*



Diners at the Memphis Pig Out restaurant need never worry about forgetting where they are, thanks to this delightful art-glass logo by CLASSIC STAINED GLASS DESIGNS. *Write in No. 5510*



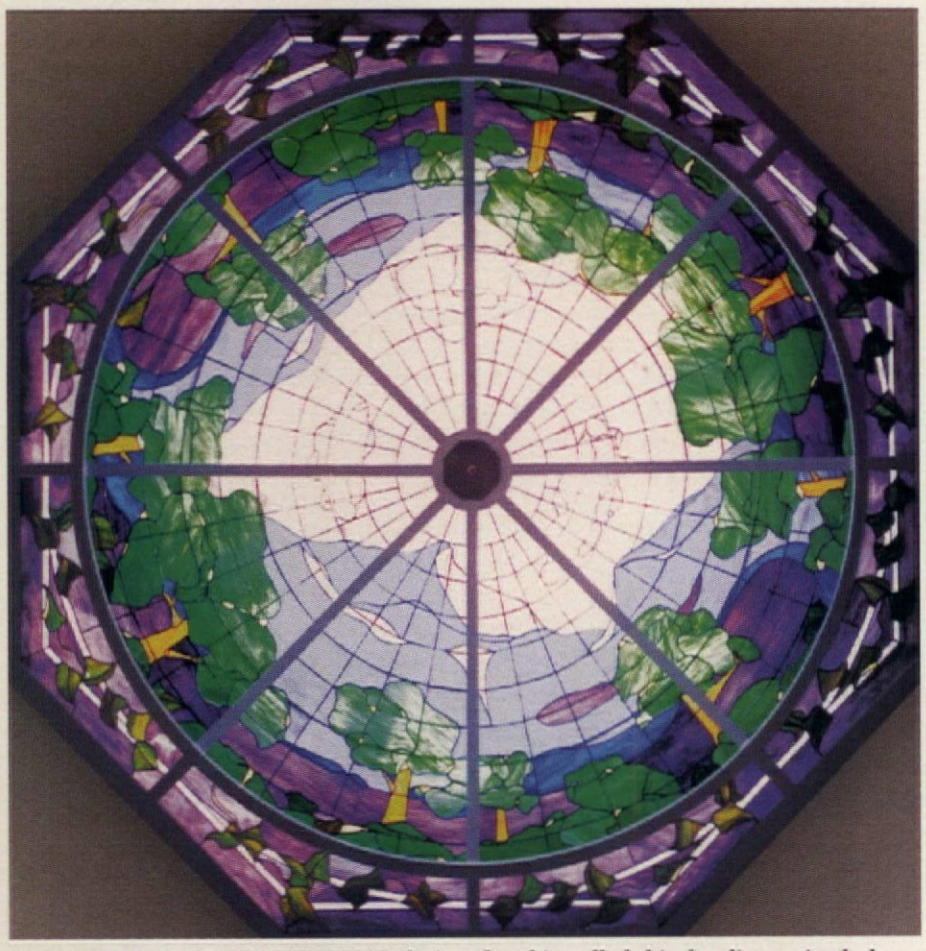
The imagination and style which CORNERSTONE GLASSWORKS brings to its projects is expertly on display with this conference table, the "Rock Edge Table," which measures 4 ft. x 8 ft. *Write in No. 1019*



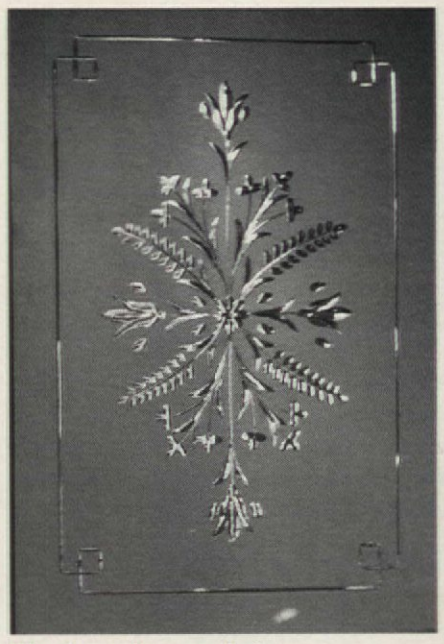
This leonine detail from a stained-glass window in the St. Mark's Church of Rochester, N.Y., is a fine example of the subtlety and eloquence of art glass by BOVARD STUDIO. *Write in No. 7690*



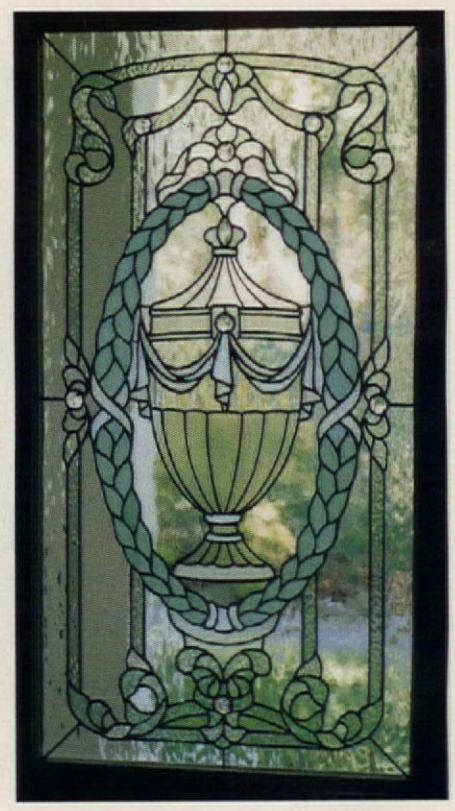
Beveled glass for every kind of door — including the "Waterford" design for the double swinging doors shown here — is a specialty of the artisans at JD'S GLASSWORKS. *Write in No. 288*



JANCIK ARTS INTERNATIONAL designed and installed this dazzling stained-glass ceiling dome, 16 ft. in diameter, for the conference office of the Galleria Mall Development in Gainesville, Fla. *Write in No. 264*



Wheel-cut glass panels from LEHMANN GLASS STUDIO have revived the beauty of Victorian art glass for contemporary interiors. *Write in No. 4730*



This art-glass window from ARTIQUE GLASS STUDIO showcases the clean, precise lines and feeling for tradition which distinguish the company's work. *Write in No. 1086*

Art Glass of the South

The Glory of Glass



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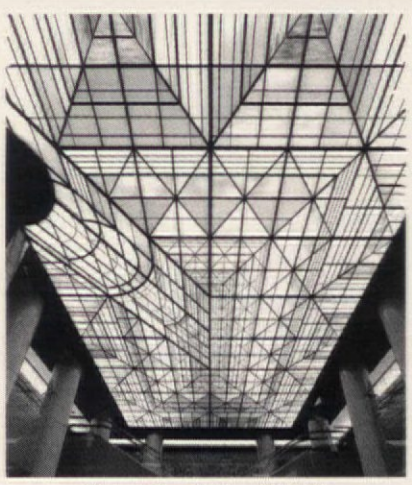
2401 Government Street
Mobil, AL 36606
(334) 479-3392



The door above is all hand-cut & hand-bevelled glass. The bath window (right) is in a home in Jackson, MS.

WRITE IN NO. 2510

DEDICATED TO EXCELLENCE IN STAINED GLASS



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GARDEN COURT, SHERATON PALACE HOTEL, SAN FRANCISCO

WRITE IN NO. 7930

BOVARD STUDIO
STAINED GLASS

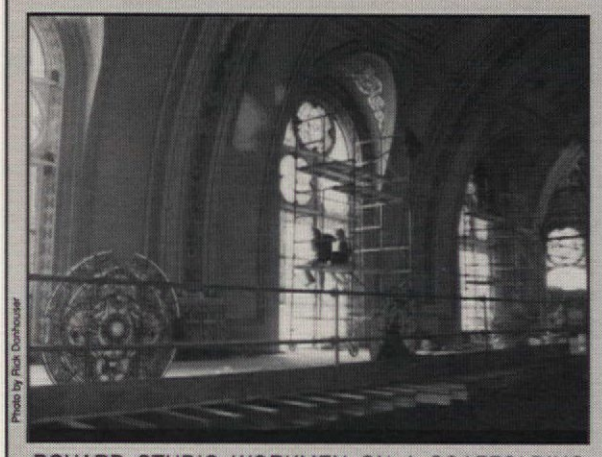
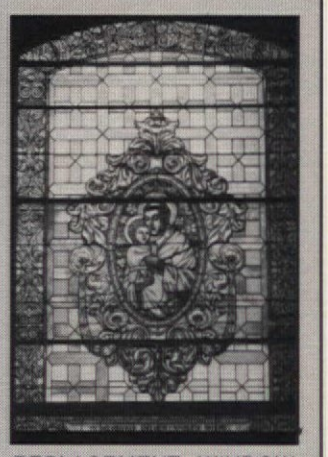


Photo by Rick Dohnhauser

BOVARD STUDIO WORKMEN ON A SCAFFOLDING DECK 50-FEET HIGH, RESTORING STAINED GLASS AT ST. MARY OF THE ANGELS IN CHICAGO, THE NEW U.S. HEADQUARTERS FOR OPUS DEI.



REPLACEMENT WINDOW CREATED FOR ST. MARY OF THE ANGELS IN CHICAGO. THE ORIGINAL FELL 60 FEET, SHATTERING BEYOND REPAIR.

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WRITE IN NO. 7690

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WRITE IN NO. 480

TRADITIONAL BUILDING's ART GLASS *SourceList*

CSI# 12170

COMPILED BY LAURA R. ALLEN

COMPANY	SPECIALTY	Literature	TYPE OF ART GLASS: Beveled	Etched/Sandblasted	Carved/Cut	Leaded & Colored Glass Patterns	Leaded & Painted/ Fired Designs	Protective & Storm Glazing	Fused/Slumped Glass	Stained-Glass Domes	Other	New Designs	Replication	Repair/Restoration	Conservation	Residential/ Commercial
Albert Stained Glass Studio 57 Front St., Dept. TB Brooklyn, NY 11201 718-625-6464; Fax: 718-625-5380	High-end restoration and new commissions. Combines traditional and new technology, including fusing.	Free	★	★	★	★	★		★	★		★	★	★	★	R/C
Anderson Glass Arts 548 Tremont St., Dept. TB Boston, MA 02116 617-357-5166; Fax: 617-350-6209	Custom stained glass, hand-painted glass, multi-layer carved glass, etched and engraved; restoration of art glass.	Free	★	★	★	★	★			★	Engraved glass	★	★	★	★	R/C
Architectural Arts & Design 13 NE Fifth St., Dept. TB Minneapolis, MN 55413 612-627-9107; Fax: 612-627-9107	Art glass, new and renovations; Arts & Crafts-style mosaic tile; bronze and iron casting; lighting design.	Free	★	★		★	★			★	Glass mosaic, tile mosaic	★	★	★	★	R/C
Architectural Glass Design, Inc. 101 S. Coombs St., Suite X, Dept. TB Napa, CA 94559 707-255-5954; Fax: 707-255-5991	Glass installations for architecture and design; full range of traditional techniques; "Inner-Lite" combines the strength of tempered glass with art glass and etching.	Free	★	★	★	★	★		★	★	Inner-Lite	★	★	★	★	R
Architectural Glass, Inc. 71 Maple St., Dept. TB Beacon, NY 12508 914-831-3116; Fax: 914-831-3321	Cast-glass tiles in 11 colors and an array of textures, standard and custom sizes; glass tiles and decorative architectural elements; commercial, residential, and restoration.	Free		★							Art-glass tiles	★				R/C
Architectural Products by Outwater P.O. Box 347, Dept. TB Wood Ridge, NJ 07075 800-631-8375; Fax: 800-888-3315	Major stocking supplier of ready-to-ship products in aluminum, fiberglass, plaster, polyurethane, polyethylene, and wood. Molded ornament; columns and capitals in many heights, diameters, and sizes; balustrades and cornice moldings.	Free Write in No. 4934									Decorative film overlay and lead tape					R/C
Architectural Stained Glass Studio P.O. Box 470144, Dept. TB Celebration, FL 34747 407-566-8344; Fax: 407-566-8349	Custom stained-glass panels, stained-glass ceilings, wall fixtures, lamps, and accessories.	Catalog $1				★	★		★	★		★	★			R/C
Art Glass of America P.O. Box 760, Dept. TB Natick, MA 01760 800-636-4242; Fax: 508-647-9380	Full restoration contractor. Besides new and restoration art glass and protective glazing, company provides painting, stone, plaster work, and other services.	Free	★			★	★	★		★		★	★	★	★	R/C
Art Glass of the South, Inc. 2401 Government St., Dept. TB Mobile, AL 36606 334-479-3392; Fax: 334-476-7292	Custom-glass studio: design, fabrication, hand-beveling, and restoration done on premises. Products include windows, decorative glass screens and tables; sandblasting and deep etching in any style, including Art Deco and Victorian.	Free Write in No. 2510	★	★												R/C
Artique Glass Studio 593 N. Maple Ave., #A, Dept. TB Ridgewood, NJ 07450 201-891-5014; Fax: 201-444-7130	Custom stained glass, leaded glass, and glass etching; art glass and wood doors.	Free Write in No. 1086		★	★											R/C
Atelier Foucault Stained Glass Studio 114 Montgomery Ave., Dept. TB Staten Island, NY 80107 718-727-3122; Fax: Same as phone	Stained-glass conservator trained in Paris; associate member of the IIC, AIC; work has included conservation at prestigious art museums and historic properties.	Free Write in No. 309														C
Atelier Foucault Stained Glass Studio 41348 Rte. 29, Dept. TB Elizabeth, CO 88107 303-646-4784; Fax: 303-646-4765	Stained-glass conservator trained in Paris; associate member of the IIC, AIC; work has included conservation at prestigious art museums and historic properties.	Free Write in No. 309													★	C
Beveled Glass Works, Inc. 23852 Pacific Coast Hwy., #351, Dept. TB Malibu, CA 90265 800-421-0518; Fax: 310-457-5591	Beveled-, leaded-, carved-, etched-, and art-glass panels, custom or from inventory of over 100 designs, sizes; doors, windows, entryways; mahogany, oak, maple & other species.	Free Write in No. 480	★	★	★	★		★		★		★	★			R/C
Biscuit Run Studios 981 Old Lynchburg Rd., Dept. TB Charlottesville, VA 22903 804-977-5411; Fax: 804-977-4750	Soapstone, limestone, and alabaster, from monumental to credenza size; fiberglass and mortar-shell monumental work; stained slab glass (1-in. dalle de verre) glazed in steel frames; custom work; all original signed pieces.	Free									Slab glass	★	★			R/C
Botti Studio of Architectural Arts, Inc. 919 Grove St., Dept. TB Evanston, IL 60201 800-524-7211; Fax: 847-869-5996	Offers stained-, faceted-, and beveled-glass work. New commissions, mosaic restoration, museum conservation, and protective glazing.	Free	★	★	★	★	★	★	★	★	Faceted glass	★		★	★	R/C
Bovard Studio, Inc., Stained Glass 3007 W. Grimes Ave., Dept. TB Fairfield, IA 52556 800-452-7796; Fax: 515-472-0974	Studio produces new work and has extensive restoration experience with stained-glass windows. Hand-painted glass and faceted glass; all complete with wood, aluminum, or steel frames. Also, protective coverings and doors.	Free Write in No. 7690	★	★	★	★	★	★		★		★	★	★	★	R/C
Burnham & LaRoche Associates 441-443 Fulton St., Dept. TB Medford, MA 02155 617-395-5047; Fax: 617-396-8651	Since 1895, studio has designed, fabricated, and restored stained-glass; all types of frame restoration/ replacement; wood, stone, steel, and aluminum, complete with protective glazing. Also, specialize in lamp restoration.	Free Write in No. 2580	★	★		★	★	★	★	★		★	★	★	★	R/C
Cesar Color, Inc. 880 Hinckley Rd., Dept. TB Burlingame, CA 94010 415-259-7272; No fax	Laminated architectural glass with a line of 50 images with photographic color quality in opaque, transparent, or translucent glass laminations; for wall cladding, skylights, tempered doors, displays, and public art.	Free					★				Photographic images on tile					C
Classic Stained Glass Designs 86 East Mount Ave., Dept. TB Atlantic Highlands, NJ 07716 908-291-5999; Fax: 908-872-7061	Architectural stained, leaded, and etched/sandblasted custom designs.	Free Write in No. 5510	★	★		★				★		★	★	★		R/C
Classical Glass 1333 Main St., Dept. TB Cincinnati, OH 45210 513-381-4334; No fax	Traditional beveled and stained glass; repair services available.	Free	★	★		★	★			★		★	★	★	★	R/C
Clear Lake Stained & Beveled Glass RR 1, Box 340-A-TR, Dept. TB Clear Lake, IA 50428 515-357-5103; No fax	Manufacturer and designer of custom beveled- and stained-glass windows for homes and churches.	Free	★		★	★						★	★	★		R/C
Conrad Schmitt Studios 2405 South 162 St., Dept. TB New Berlin, WI 53151 800-969-3033; Fax: 414-786-9036	Since 1889, this studio has designed, fabricated, replicated, conserved, and installed art glass throughout the U.S. Has worked on buildings of architectural and historic significance. C.E.O. was awarded the SGAA Lifetime Achievement Award.	Free Write in No. 8040	★	★	★	★	★	★		★	Dalle de verre	★	★	★	★	R/C
Coran-Sholes Stained Glass 509 East Second St., Dept. TB Boston, MA 02127 617-268-3780; Fax: 617-268-0344	Leaded- and stained-glass repairs, restorations, and custom-designed work.	Free	★	★		★		★				★	★	★	★	R/C
Cornerstone Glassworks 10889 Shady Trail, Ste. 101, Dept. TB Dallas, TX 75220 214-654-0220; Fax: 214-654-0211	Cut- and etched-glass techniques, including specialty, laminating, colorizing, and fusing techniques.	Free Write in No. 1019			★											R/C

TRADITIONAL BUILDING's ART GLASS *SourceList*

CSI# 12170

COMPILED BY LAURA R. ALLEN

COMPANY	SPECIALTY	Literature	TYPE OF ART GLASS: Beveled	Etched/Sandblasted	Carved/Cut	Leaded & Colored Glass Patterns	Leaded & Painted/ Fired Designs	Protective & Storm Glazing	Fused/Slumped Glass	Stained-Glass Domes	Other	New Designs	Replication	Repair/Restoration	Conservation	Residential/ Commercial
Cummings Studios 182 E. Main St., P.O. Box 427, Dept. TB North Adams, MA 01247 413-664-6578; Fax: 413-664-6570	Large art-glass studio with experience in commercial, civic, and religious projects. Services: project development and management, conservation/restoration, design, fabrication, and installation.	Free		★		★	★			★		★	★	★		
Custom Glass Etchers 5100 O'Hara Ct., Dept. TB Fredericksburg, VA 22407 540-786-6099; Fax: 540-786-6099	Designer and supplier of etched, carved, and frosted glass and mirror in any style. Custom-designed etched panels for doors, windows, transoms, fireplace screens, shower doors, wall partitions, booth dividers, and bar mirrors.	Free	★	★	★							★	★			R/C
Custom Leaded Glass & Restoration 1 Chestnut Hill Rd., Dept. TB Sandy Hook, CT 06482 203-426-9201; Fax: 203-270-2963	Professional stained-glass fabrication, repair, and restoration; leaded glass.	Free	★	★		★						★	★	★		R/C
Dahl Glass 3 Silver Lane, Dept. TB Santa Fe, NM 87505 505-474-6000; Fax: 505-474-7000	Designs and fabricates panels for doors and windows, matching light fixtures, screens, and more, in slumped and fused glass; bas-relief patterns; contemporary or traditional.	Free		★	★	★			★			★				R/C
Daprato Rigali, Inc. 7956 Oakton St., Dept. TB Niles, IL 60714 847-692-6350; Fax: 847-692-3445	Restoration of historic and ecclesiastical buildings; stained-glass design, creation, and fabrication. Decorative painting and mosaic design. Statuary; work in marble and bronze.	Free Write in No. 334	★	★	★	★	★	★		★	Dalle de verre	★	★	★	★	R/C
Ethereal Glass Art P.O. Box 1296, Dept. TB Greenville, TX 75403 903-455-1020; No fax	Custom contemporary installations, from panels to large projects; artist works with hot, cold, leaded, fused, painted, and sandblasted glass.	Free	★	★		★	★	★	★	★		★				R/C
Exquisite Glass & Stone 123 Allen St., Dept. TB New York, NY 10002 212-674-7069; Fax: 212-473-4808	Etched and carved glass, mirror, and stone; architectural motifs, graphics, patterns, and intricately carved pictorial renderings; partitions, windows, tabletops, and room dividers; sandblasting a specialty.	Free	★	★	★	★					Glue chip, mirrored	★	★			R/C
Femenella & Associates 3 Brighton Ct., Dept. TB Annandale, NJ 08801 908-735-6840; Fax: 908-713-1771	Stained-glass restoration: condition reports, restoration specifications, and project management.	Free												★	★	R/C
Godward Glass Studio II, Inc. 6458 Oaklandon Rd., Dept. TB Indianapolis, IN 46236 317-823-4071; Fax: 317-823-4452	Custom-designed-glass firm has completed hundreds of private, commercial, and liturgical commissions.	Free	★	★	★	★	★	★	★	★	Custom framing	★	★	★		R/C
Gomolka Design Studios 1685 Chestnut Ave., Dept. TB Carlsbad, CA 92008 760-760-0033; Fax: 760-760-0011	Cast-slumped glass, dalle de verre glass, colored and 3/4 in. thick. Leaded, etched, laminated, and colored glass. About 90% is custom work.	Free				★			★	★	Dalle de verre, colored glass	★				R/C
Gong Glass Works 42 Parkview Dr., Dept. TB Rochester, NY 14625 716-288-5520; Fax: 716-288-2503	Contract design and fabrication of glass art work; leaded, etched, carved, and painted. Original contemporary designs.	Free	★	★	★	★	★				UltraGlas, chipped glass	★				R/C
Gordon Glass Studio Inc. P.O. Box 878, Dept. TB Stevensville, MD 21666 410-643-4661; Fax: 410-643-8202	Commercial and residential glass design and fabrication; currently working on an 8-ft.-by-16-ft. skylight and entry doors for U.S. Naval Academy.	Free	★	★	★	★						★	★			R/C
Heather Glass 4401-B Soquel Dr., Dept. TB Soquel, CA 95073 408-462-3231; Fax: 408-462-2306	Creates etched and carved glass, as well as metal design and fabrication; for architectural applications, furniture, and sculpture.	Free	★	★	★							★	★			R/C
Hunt Stained Glass Studios 1756 W. Carson St., Dept. TB Pittsburgh, PA 15219 412-391-1796; Fax: 412-391-1560	Custom-designed works in stained, leaded, sand-etched, beveled, and faceted glass for liturgical, commercial, and residential projects. Repairs and restoration.	Free brochure, catalog $2 C.O.D.	★	★		★	★	★	★		Dalle de verre	★		★	★	R/C
J. Sussman, Inc. 109-10 180th St., Dept. TB Jamaica, NY 11433 718-297-0228; Fax: 718-297-3090	Designs and manufactures glass and aluminum sunrooms and skylights; largest supplier of new and replacement custom aluminum windows for churches, and landmark buildings; residential and commercial applications.	Free						★		★		★	★	★		R/C
Jancik Arts International 1130 Briarcliff Rd., Ste. 5, Dept. TB Atlanta, GA 30306 800-254-1593; Fax: 404-892-3887	From glass patterning and frame fabrication to shipping and installation of custom- designed, authentic stained-glass interior domes; includes compound-curved, faceted flat-panel, and barrel vault.	Free Write in No. 264	★	★	★	★	★			★	Compound curved domes	★				R/C
JD's Glassworks 2100 Barrett Pk. Dr. NW, #501, Dept. TB Kennesaw, GA 30144 770-514-8979; Fax: 770-425-0763	Custom turnkey delivery of decorative doors, windows, and millwork for both commercial and residential applications; custom art glass; true-insulated custom designs available.	Free Write in No. 288	★	★	★	★	★	★		★		★	★	★		R/C
Kannex Bevel Intl. P.O. Box 262601, Dept. TB San Diego, CA 92126 800-524-8895; Fax: 619-546-7670	Manufacturer of beveled glass; beveled clusters (clear and glue chip); worldwide shipping; moderate prices.	Free	★													R/C
Keating Productions 2732 Plateau Dr., Dept. TB Riva, MD 21140 301-261-7999; Fax: 301-261-7999	Custom stained glass for residential and commercial clients. Also works in fused glass. Repair services.	Free							★			★				R/C
Lehmann Studios 1793 12th St., Dept. TB Oakland, CA 94607 510-465-7158; Fax: 510-465-7158	Custom wheel-cut art glass for residential and commercial interiors.	Free Write in No. 4730	★		★							★		★		R/C
Mandarin Glass Gallery 8821 Bridgeport Way, SW, Dept. TB Tacoma, WA 98499 253-582-3355; Fax: 253-591-5157	Supplier of beveled- and stained-glass work and supplies. Also, repair and restoration of antique stained-glass windows.	Free	★			★										R/C
Medieval Glass Industries, Ltd. 2421 Seventh Ave. South, Dept. TB Estherville, IA 51334 712-362-2027; Fax: 712-362-4269	High-quality single and insulated panels. Also, beveled and sandblasted glass.	Free	★	★		★		★				★	★			R/C
Morava Art Glass 480 N. Austin Blvd., Dept. TB Oak Park, IL 60302 708-383-9333; Fax: 708-383-9333	Artist designs residential and commercial stained glass, using many techniques; also repair and restoration.	Free	★	★		★	★	★		★		★	★	★	★	R/C
Neff Art Glass P.O. Box 1931, Dept. TB Saint Petersburg, FL 33731 813-823-3919; No fax	New designs and commissioned work in leaded glass; for commercial and residential projects.	Free				★			★			★				R/C

TRADITIONAL BUILDING's ART GLASS *SourceList*

CSI# 12170

COMPILED BY LAURA R. ALLEN

COMPANY	SPECIALTY	Literature	TYPE OF ART GLASS: Beveled	Etched/Sandblasted	Carved/Cut	Leaded & Colored Glass Patterns	Leaded & Painted/ Fired Designs	Protective & Storm Glazing	Fused/Slumped Glass	Stained-Glass Domes	Other	New Designs	Replication	Repair/Restoration	Conservation	Residential/ Commercial
Neumann Art Glass **One Arch St., Dept. TB** **Brattleboro, VT 05301** **802-254-6749; Fax: 802-254-3366**	Hand-painted leaded stained-glass windows; slumped-glass lamps and domes; traditional techniques, medieval to modern design; restoration and conservation.	Free	★	★	★	★	★	★	★	★		★	★	★	★	R/C
Nicolas Stained Glass, Sylvia **4 N. Main St., Dept. TB** **Mont Vernon, NH 03057** **603-673-5554; No fax**	Artist designs and paints stained glass for churches, public buildings, or private homes.	Free					★					★				R/C
North Star Art Glass, Inc. **142 Wichita, Dept. TB** **Lyons, CO 80540** **303-823-6511; No fax**	Sandblast etching; specializing in nature and wildlife themes. Also, fused, stained, and other combinations of techniques.	Free		★	★				★	★		★				R/C
On-Site Systems **3715 Northcrest Rd., #35, Dept. TB** **Atlanta, GA 30340** **770-454-6184; Fax: 770-457-9397**	Custom glass etching/sandblasting; onsite or in shop; designer laminated glass with colors, fabrics, textures, rice papers, and etching inside the glass.	Free		★							Laminated glass	★	★			R/C
Oxley Glass Studios **1414 East 15th St., Dept. TB** **Plano, TX 75074** **972-422-9866; Fax: 972-509-8190**	Artist works in stained, leaded, and sandblasted glass; elegant entryways, windows, screens, room dividers, and other elements for commercial and residential settings.	Free Write in No. 7450	★	★	★	★						★	★			R/C
Parrot Studios **820 Emory St., Dept. TB** **San Jose, CA 95126** **408-294-4494; Fax: 408-294-4494**	Works closely with architects and clients on site-specific projects anywhere in the world; currently finishing a year-long project in Cabo San Lucas, Mexico.	Free	★	★		★			★			★	★	★		R/C
Pellar Design Studio **33534 Shelley Lynne, Dept. TB** **Sterling Heights, MI 48312** **248-268-4063; Fax: 248-268-4063**	Specialist in deep-carved, 3/4-in.- and 1-in.-thick plate glass. Contemporary tables, tabletops, and vertical panels; also, sandblasts design work into granite, marble, hardwoods, plastic, and metal.	Free	★	★	★	★		★				★	★			R/C
Pickel Studio, Inc. **7777 20th St., Dept. TB** **Vero Beach, FL 32960** **561-567-1710; Fax: 561-569-1485**	Creates stained glass, sculpture, and traditional and contemporary mosaics for projects throughout North America; figurative and symbolic works.	Free	★	★	★		★					★		★		C
Pierose Productions **P.O. Box 1755, Dept. TB** **Santa Monica, CA 90406** **310-828-8416; Fax: 310-820-2706**	Fine art in the medium of etched glass; deep carving and glass etching using sandblast techniques in the subject of your choice; entryways, bathrooms, firescreens; installations for home, office, boat, plane, or motor car.	Free Write in No. 296		★	★											R/C
Plachte-Zuieback Art Glass **1445 Carlos Ct., Dept. TB** **Santa Rosa, CA 95409** **707-539-8220; Fax: 707-539-4263**	Original designs for stained-glass windows for residential and public buildings, synagogues, and churches; techniques, in addition to traditional lead work, include sandblast etching, glass fusing, glass painting, and lamination.	Free	★	★		★	★	★	★	★		★				R/C
Postich Stained Glass Studios **2180 34th Way North, #B, Dept. TB** **Largo, FL 33771** **800-428-9550; Fax: 813-535-4863**	Offers custom-designed works; project consulting for designs and architectonic solutions provided on site; painted and fired windows in nature scenes, icons, and more. Works worldwide.	Free	★	★	★	★	★		★	★		★	★	★		R/C
Powell Art Glass **1610 Ninth St., Dept. TB** **Berkeley, CA 94710** **510-526-2637; Fax: 510-526-2637**	Artist uses hand-beveled, perspective-corrected prisms and constructivist-influenced designs.	Free	★			★				★		★				R/C
Quaking Aspen Stained Glass & Cabinets **RFD 1, Box 191, Dept. TB** **Kezar Falls, ME 04047** **207-625-8603; Fax:**	Studio creates glass collages which can be installed as windows and light boxes. Also, custom-cut glass blocks with embedded images and embossed motifs. Residential and commercial work.	Free					★				Cast-glass blocks	★				R/C
Reflection Studios **1418 62nd Street, Dept. TB** **Emeryville, CA 94608** **510-652-4884; Fax: 510-658-6138**	For over 25 years, this studio has produced exceptional work in stained glass, both original pieces & museum-quality restoration. A licensed glazing contractor; many large commercial and government projects.	Free Write in No. 7930	★	★	★	★	★	★		★		★	★	★	★	R/C
Rohlf's Studio, Inc. **783 South Third Avenue, Dept. TB** **Mount Vernon, NY 10550** **800-969-4106; Fax: 914-699-7091**	Creating Victorian heraldry and stained glass for over 75 years; specialist in stained-glass window design, from traditional to contemporary; can provide design assistance. Also, conservation, replication, and restoration services.	Free Write in No. 6240	★	★	★	★	★	★		★		★	★	★	★	R/C
Saratoga Stained Glass **P.O. Box 1266, Dept. TB** **Saratoga, WY 82331** **706-864-4450; Fax: 706-864-1668**	Custom-designed architectural windows for residential and commercial spaces; windows use invisible steel reinforcement. Work closely with clients.	Free				★						★	★	★		R/C
Shadetree Stained Glass Studio **417 Howard St., Dept. TB** **Petoskey, MI 49770** **616-347-1011; Fax: 616-347-4826**	Full-service architectural stained-glass studio; lamps, panels, domes, and privacy screens; businesses, churches, and private homes; restoration and preservation of antique leaded glass.	Free	★	★		★	★	★	★	★		★	★	★	★	R/C
Skyline Design **2653 W. Chicago Ave., Dept. TB** **Chicago, IL 60622** **773-278-4660; Fax: 773-278-3548**	Custom designs for business, hospitality, and retail establishments. Services include etched, cut, painted, and leaded glass; Glass can be finished with "Skyline Etch Sealer" for sandblasted glass.	Free Write in No. 329		★	★	★			★			★	★			C
Smith & Wilde Glass Studio **RR #2, Dept. TB** **Holstein, Ont., CANADA N0G 2A0** **800-655-8712; Fax: 519-334-3195**	Stained-glass designs for residential, commercial, and liturgical application.	Free	★	★			★		★			★				R/C
Stain in the Glass **3180 NE Maple Ave., Dept. TB** **Jensen Beach, FL 34957** **800-293-8920; Fax: 561-225-6167**	Stained and deep-carved etched glass; Erte and Frank Lloyd Wright interpretations; Victorian; religious panels; doors, windows, cabinets, screens, and room dividers.	Free	★	★	★	★	★			★		★	★			R/C
Stained Glass by Bob Oddy **223 Scottholm Terrace, Dept. TB** **Syracuse, NY 13224** **315-446-0279; No fax**	Artist designs and executes site-specific, original stained-glass windows and panels.	Free									Windows	★				R/C
Stained Glass Design Studio **1532 62nd Ave. North, Dept. TB** **Saint Petersburg, FL 33702** **813-522-5919; Fax: 813-522-5919**	Design and fabrication studio creates original designs in lead, zinc, and copper foil.	Free Write in No. 285	★			★			★		Antique glass	★		★		R/C
Stained Glass Overlay, Inc. **1827 North Case St., Dept. TB** **Orange, CA 92865** **800-944-4746; Fax: 714-974-6529**	Decorative glass designs for ceilings, mirrors, windows, sneeze-guards, booth- and room-dividers.	Free Write in No. 6480				★				★		★				R/C

continued on page 170

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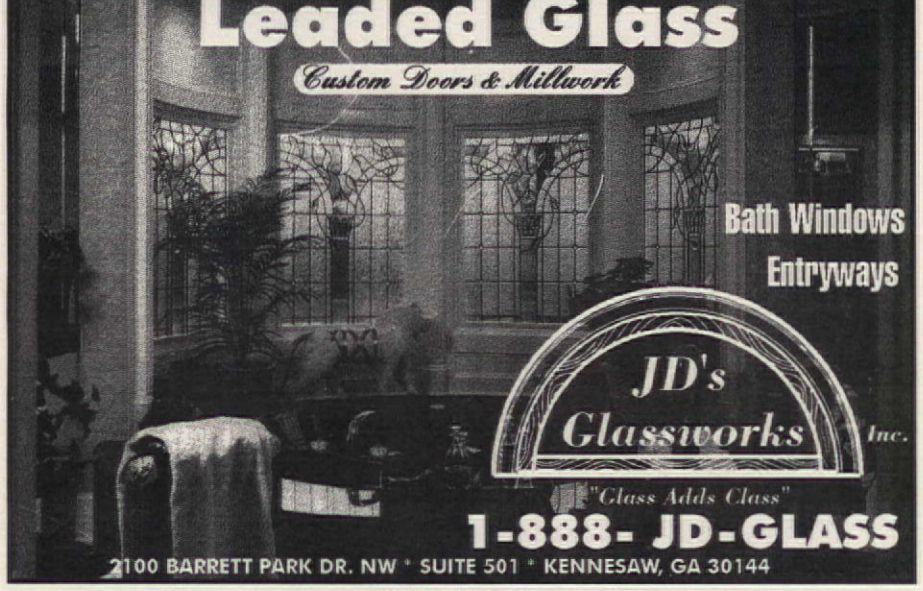
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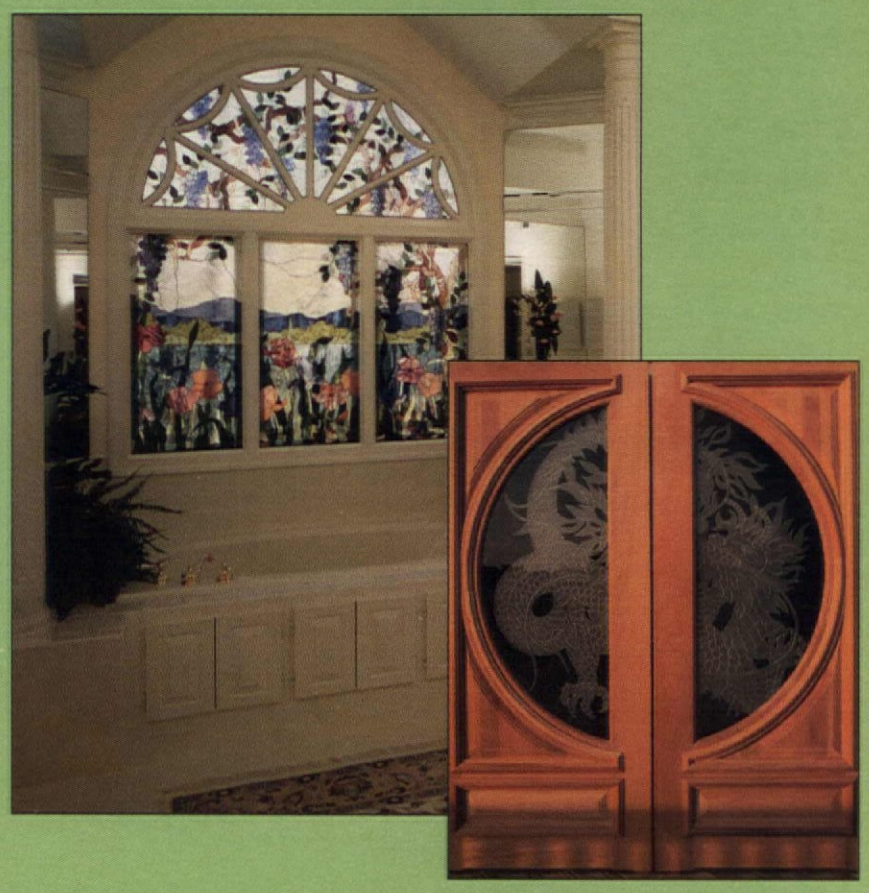
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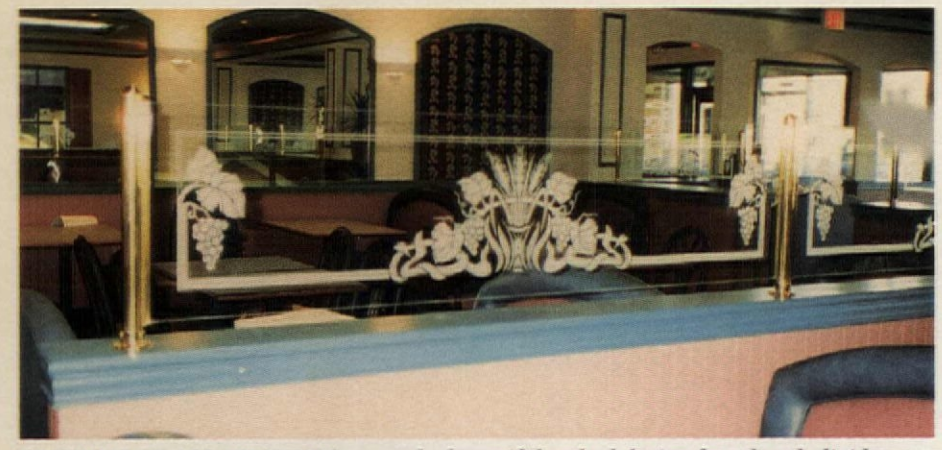
593A NORTH MAPLE AVENUE
RIDGEWOOD, NJ 07450
PH: 201-444-3500
FAX: 201-444-7130



WRITE IN NO. 1086

Art Glass Portolio

For more information on these companies, consult the SourceList on pp. 162-164.



CUSTOM GLASS ETCHERS created a bountiful etched design for a booth divider at Anthony's Restaurant in Manassas, Va.



GODWARD created the stained-glass ceiling panel and matching light shades that create a warm glow in this interior.



Tiffany Studios created this lush landscape window for St. Paul's Church on Nantucket around 1905, and its recent restoration was handled by FEMENELLA & ASSOCIATES, INC.



The full-lite door, side-lite inserts, and elliptical transom from BEVELED GLASS WORKS, INC., bring light, warmth, and the sense of the outdoors into a Woodland Hills, Calif., interior *Write in No. 480*



For the restaurant of the Hyatt Regency Hotel in Milwaukee, Wis., CONRAD SCHMITT STUDIOS executed a series of brilliant art-glass windows. *Write in No. 8040*



The Faith Chapel in San Diego, Calif., features three stained-glass panels by GOMOLKA DESIGN STUDIO, including this 20-ft.-x-16-ft. devotional window.



Etched glass from EXQUISITE GLASS, INC., gives restaurant-goers privacy *and* a view. The company worked on these 9-ft.-x-11-ft. panels on site at night, using a dustless method, eliminating the need for clean-up in the morning.



Bas-relief fused and slumped glass from DAHL GLASS can incorporate familiar themes, like this panel of underwater life.

Instant Access to Product Literature for ART GLASS

If your office qualified to receive the 1997 TRADITIONAL BUILDING CATALOG, you'll find prefiled and indexed product literature there for the following suppliers of Art Glass:

- ARCHITECTURAL FEATURES/ CHARLES MADDEN
- MODEWORKS, INC.
- TIM & BILLY'S ARCHITECTURAL ANTIQUES

Burnham & La Roche Associates
DESIGNERS AND CRAFTSMEN
OF STAINED GLASS SINCE 1895
« DESIGN »
« FABRICATION »
« RESTORATION & REPAIR »
« WINDOWS & LAMPSHADES »
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WRITE IN NO. 6480



Photo: Gordon Janowiak

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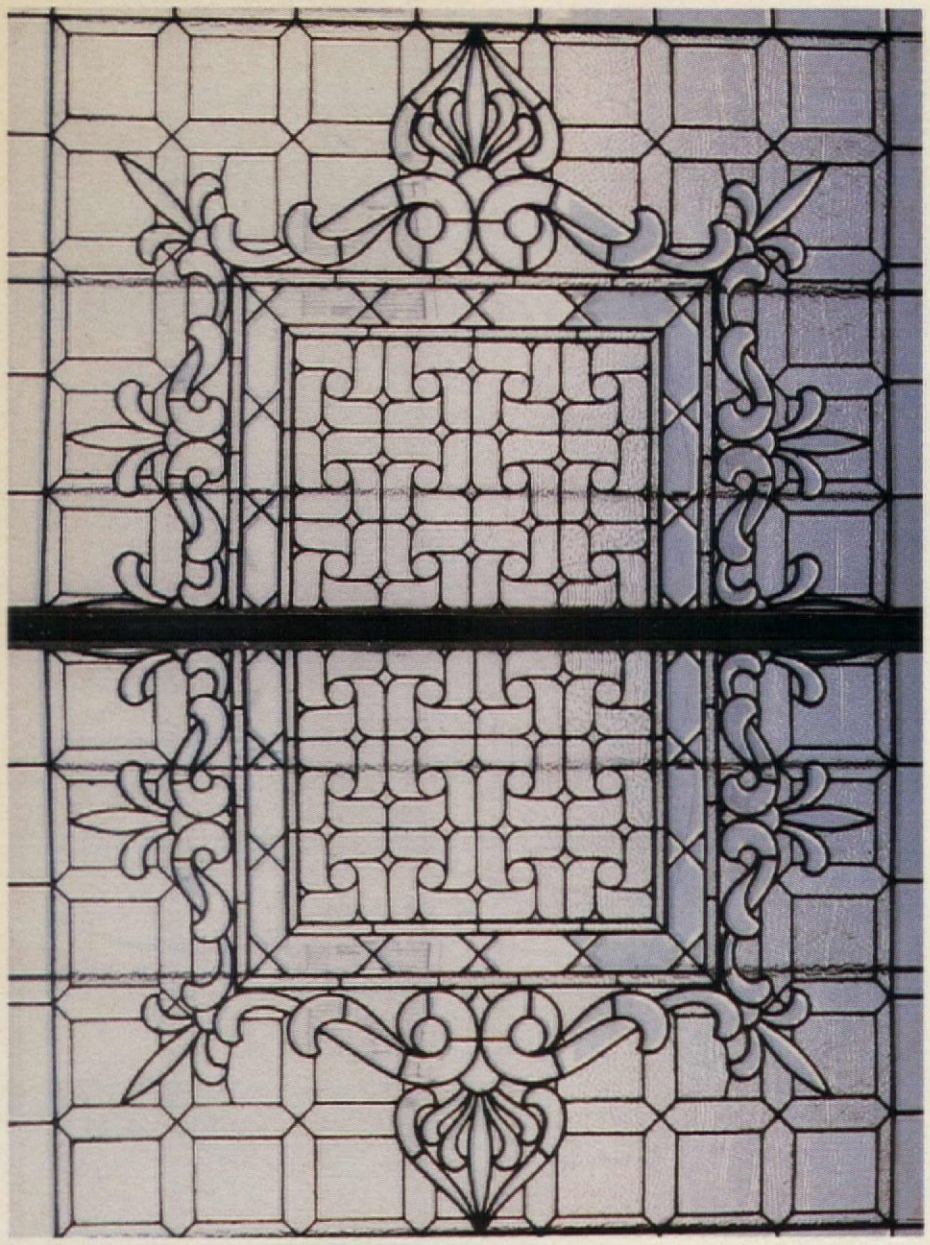
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1-800-707-5919

WRITE IN NO. 285

ART GLASS PORTOLIO

For more information on these companies, consult the SourceList on pp. 162-164.



Rare antique art glass — such as this intricate, early-1900s panel of pale pink ripple with crystal bevels, from a private library in Detroit, Mich. — can be obtained from WILLINGHAM STAINED GLASS DESIGN STUDIO. *Write in No. 285*



A ride on the escalator in the atrium of 575 Fifth Ave. in New York City reveals a mammoth 1,680-sq.ft. stained-glass panorama, created by ROHLF'S STUDIO. *Write in No. 6240*



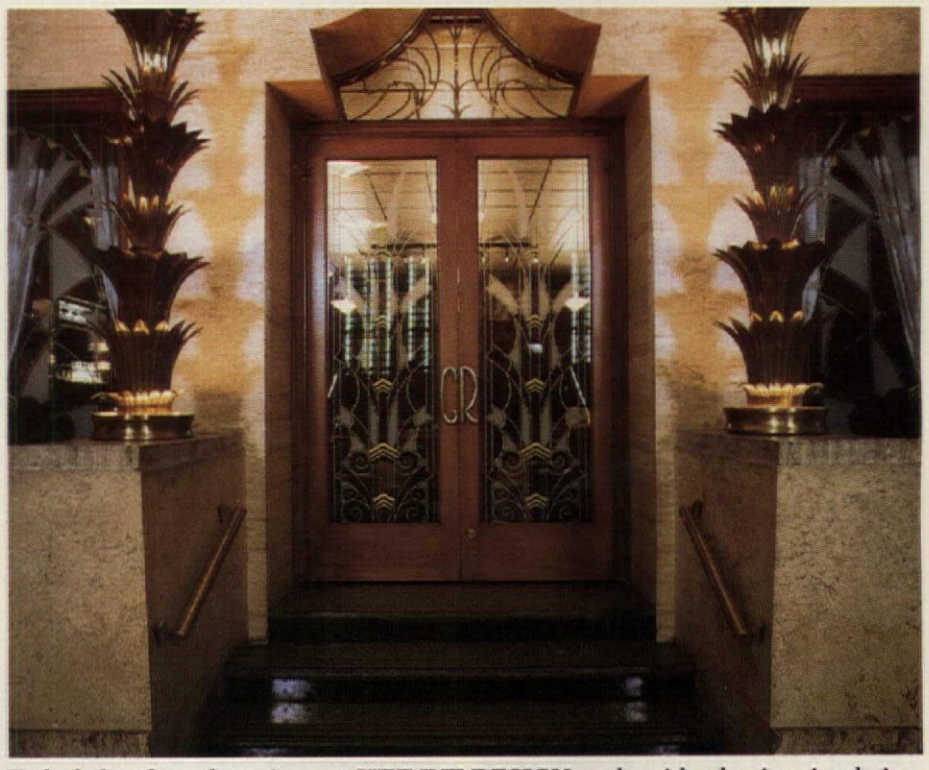
STAINED GLASS OVERLAY enables you to simulate the appearance of stained glass, simply by applying an overlay on any glass surface — such as the mirror in this beauty salon. *Write in No. 6480*



This reverential image of compassion and healing was designed and executed for St. John Hospital in Cleveland, Ohio, by WHITNEY STAINED GLASS STUDIO. *Write in No. 299*



The ceiling of the Sheraton Palace Hotel's Garden Court in San Francisco — all 12,000 sq.ft. of it — was completely restored and seismically braced by the skilled workers of REFLECTION STUDIOS. *Write in No. 7930*



Etched glass from the artisans at SKYLINE DESIGN works with other interior-design elements and enlivens the entry to the Green Room of the Bismarck Hotel in Chicago. *Write in No. 329*

SPECIFYING NEW STAINED GLASS, continued from page 159

scope. (D) The studio should demonstrate consummate skill in all of the techniques the project calls for.

The contractor must comply with all local, state, and federal building codes and laws that may apply to the project. Make sure to check local laws; do not simply follow the requirements for plate glass. Many regulatory agencies have realized that stained and art glass usually do not pose a great hazard to public safety. In many instances where safety glass is required, such as in doors or sidelights, the requirement is suspended if art glass is used.

To ensure the artistic integrity of the project, milestones should be completed by the contractor and approved by the architect and/or owner prior to the contractor proceeding to the next phase of the project. Suggested milestones are: completion of cartoons; selection of glass palette; wax-up of complete window; or completed panels prior to installation. Make sure to allow for changes to the design and/or the glass palette after the glass is cut.

SUBMITTALS: In addition to the typical MS DATA sheets, get submittals of glass and lead to be used on the project. If the owner has this information, it can simplify repairs in the future.

DELIVERY AND STORAGE: Glazing compounds should be delivered to the site in the manufacturer's unopened containers. Glass should be stored indoors in a safe, well-ventilated, dry location and should not be unpacked until needed for installation. Delivery of materials to the site for installation or storage should not relieve the contractor of his responsibility for such items.

PRODUCTS: *Glass.* Glass must conform to local codes. It is advisable to have a sample palette prepared for the architect and/or owner's review.

Lead Cames. In general, round leads are stronger than flat leads. If flat leads are used, they should be tucked at all intersections of two or more lead cames. The flat leaves should be sweated together during fabrication. All lead cames should be fabricated from an alloy containing 0.5-0.9% tin, 0.5-0.9% antimony, and trace elements (0.03-0.06%) of copper and/or silver. Chemical composition should be certified by an independent laboratory. Tin and antimony increase resistance to creep and deflection; silver and copper increase resistance to metal fatigue. Using this type of alloy for leaded windows can greatly increase their effective life span.

Flux. For soldering lead cames, stearic acid thickened with glycerine or oleic acid applied by brush is used. For copper-foil, rosin dissolved in isopropyl alcohol, zinc chloride, or a paste flux is used. For tinning and attachment of fins and support bars, a non-acid paste flux is used.

Solder. 60/40 tin/lead solid-wire solder should be used.

Waterproofing Compound. A stiff glazier's putty composed of whiting mixed with an organic oil medium and an inert coloring agent should be used. No plaster of paris, portland cement, or other hardening agents should be allowed. It is important that the compound remain flexible to adequately do its job.

Cleaning Agents. We recommend whiting (calcium carbonate) or sawdust to remove the excess oils from the waterproofing compound.

Structural Fins. Structural fins are a method of adding structural support to panels without interfering with the design of the window. Their exact dimensions are situationally specific. They are made from half-hard brass ranging from 0.032- to 0.064-in. thickness and 0.5- to 1.5-in. widths. Most of their strength is derived from their width (not their thickness) and the method by which they are applied. Prior to attachment to the panel, they are tinned with 60/40 solder.

Flat Support Bars. The exact size of the bars is situationally specific. They are fabricated from cold rolled steel and generally vary from 0.0625- to 0.25-in. thickness and 0.25- to 1.0-in. widths. They should be hot-dipped galvanized or electroplated.

Round Support Bars or Saddle Bars. These are not typically used in modern installations, unless the design intention is an accurate replication of historic glass. The exact size of the bars is situationally specific. They are fabricated from cold-rolled steel and generally vary from 0.25- to 0.625-in. diameters.

Copper Tie Wires. These are used only in conjunction with saddle bars or to connect panels when employing meeting joints. The tie wires connect the leaded panel to the saddle bar. They range between #16 and #12 wire, #14 being used most frequently. They should be fabricated from a half-hard copper or they have a tendency to break when twisted.

Setting Tape. Setting tape may be a closed-cell vinyl or a butyl setting tape. However, the butyl or the adhesive from the tape should not come in direct contact with stained-glass panels. If contact should occur, the adhesive will make the panels very difficult to remove without additional damage, in the event that repairs are necessary.

Glazing Accessories. As required to provide a complete installation, including glazing points, clips, shims, angles, beads, setting blocks, and spacer strips. All accessories should be non-ferrous, and care should be taken with dissimilar metals to prevent galvanic corrosion.

Silicone. If silicone caulk is desired for the installation, it must be a neutral-cure type. Many silicones release organic acids during curing. Organic acids attack lead cames and may cause extensive corrosion.

EXECUTION: *Design.* To facilitate the design process and ensure the correct sizing of the stained-glass windows, either encourage or make it mandatory for the designer and/or fabricator to visit the site. The panels should be designed so that their overall dimensions are 1/8 in. smaller than the overall dimensions of the frame rebate (to allow for expansion), and the measurement between the hearts of the opposing perimeter leads is a minimum of 1/4 in. greater than the sight size opening of the frame (to ensure that the glass of the window is engaging the frame, and not just the perimeter lead).

Cartoons should de drawn full size. All lead lines and surface decoration should be clearly indicated on the cartoons. Prior to entering into full production of the windows, if the window is to be painted, the painter shall prepare and submit a sample to be approved by the architect and/or owner.

Glass Cutting. The contractor should exercise great care in the cutting and handling of the raw glass prior to, and after, painting and firing (if applicable), so that inadvertent damage to the edges of the glass does not create the possibility for runs and cracks in the glass after installation.

Glass Painting. If the project includes painting or staining, the glass, after painting, should be fired at temperatures and times recommended by the paint or stain manufacturer. All glass should be well-fired but not over-fired (e.g., matte paints should not be turned glossy). The firing must be monitored so that the surface gloss is consistent throughout the windows when similar types of paint are used.

Leading. The leading of the window forms the matrix that supports the glass. It is equally important as part of the artistic statement — and more so in unpainted windows. Wherever possible, leads should be cross-woven and long lead lines that act as hinges should be avoided (or if unavoidable, run perpendicular to support bars). Leads should be soldered with stearic- or oleic-acid flux. After soldering, all residue of flux should be carefully cleaned from the panel. With plated windows (windows containing two or more layers of glass mechanically held together), care must be taken so that flux does not migrate in between the layers of plating. Consummate skill must be employed during the leading process.

Waterproofing. After leading, the panels should be waterproofed with a stiff, organic oil-based glazier's putty. It can be applied with brushes in a "wet" state or in a "dry" state and forced under the flanges of the leads by hand. If the putty is to be thinned to accommodate application by brush, only a thinner recommended by the manufacturer may be used, or equal parts of boiled linseed oil and gum turpentine. All excess putty should be cut flush to the profile of the lead. All excess putty and oils should be cleaned from the panel with rags, whiting, and/or sawdust. Panels should be stored in a flat (vertical or horizontal), supported position for a period of not less than 14 days prior to installation. The studio should ensure that all residual oils and putty that weep out from under the leads should be cleaned from the panels prior to installation.

Support System. The support system is very project specific. To determine the appropriate system for a particular project, a complex analysis must be performed, of which the primary variables are: overall panel size, maximum span, lead-line design, properties and dimensions of materials, and wind-loading. The two traditional support bars are saddle (round) or flat. The saddle bars are attached to the lead matrix with copper tie-wires. The flat bars are soldered directly onto the panel. One of the most important considerations with support bars is that they firmly engage the frame into which the panel is being installed. The saddle bars should be painted with a rust-inhibitive paint system. The flat bars should be hot-dipped, galvanized, or electroplated. Saddle bars should be a maximum of 1/8 in. from the plane of the leaded-glass panels. Both bars should be attached to the panel at the intersection of two or more leads, not in the middle of a singular lead. The exact number and placement of the bars on each panel should be determined by the designer and fabricator working in concert.

On certain geometric designs, internal support can be provided by narrow, flat steel bars that are inserted into the lead cames during window glazing. If a hollow-heart lead is not used, make sure the bar is placed on the lower side of the heart; this will delay the formation of rust. Internal bars must engage the frame during installation or their benefit to the support of the window will be minimized.

Non-traditional means of support include structural fins and structural plating. The primary function of fins is to add strength and rigidity between the larger support elements (such as the horizontal steel support bars). Brass fins are bent to conform to the existing lead-came matrix. The fins and surface of the lead came are tinned with solder. The fin is aligned with the lead and soldered on. All excess flux is cleaned away. The fins may also be placed in between sections of plating.

Clear-glass plates may be added to the reverse side of the leaded-glass panel. These serve three purposes: to add rigidity to specified areas of the window; to support existing plates that project out from the main panel; and to support the compressive load of upper sections of the window.

Installation. Leaded- and stained-glass panels derive much of their strength and rigidity from the surrounding framework. The support bars must engage the frame. The panels may be installed into wood, metal, or stone frames. Autonomous panels may be self-supporting. Caulk and backer-rod systems allow for a weathertight but flexible perimeter. Apply sealant system as per manufacturer's recommendations. Most substrates require a primer for best adhesion. The best system for supporting individual panels uses T bars. These should firmly engage the perimeter frame. The horizontal web should face to the exterior. The bars should be fabricated of architectural bronze or painted cold-rolled steel.

Final cleaning. Inspect all completed work. Remove all dirt, grease, putty, and foreign matter from the stained glass, framing members, and surrounding building fabric.

Protective glazing. Stained glass does not need to be protected from the elements — only from insensitive human beings. The exception to this rule is copper-foil windows. A copper-foil matrix cannot be made waterproof and therefore must have an exterior layer of glazing. The character and impact of the glass is always greater without protective glazing. If it is deemed necessary on a particular project, laminated glass should be the material of choice. It is critical to ensure that adequate venting is allowed between the stained glass and the protective glazing. It is not advisable to incorporate a leaded-glass panel into an insulated-glass unit. Installing a stained-glass panel to the interior of an insulated unit may void the warranty of the unit, due to the effect the stained glass may have on heat buildup within the perimeter channel of the insulated unit.

Stained and decorative glass are enjoying a renaissance over the past few decades. There are many talented designers with myriad decorative techniques as part of their artistic arsenal. Glass can make a powerful statement or impart serenity; it can block an undesirable view or invite the viewer into the building. ■

Arthur J. Femenella is president of Femenella & Associates, Annandale, N.J., a stained-glass conservation and restoration studio. He has written extensively on the subject and has 25 years of full-time experience designing, cutting, leading, restoring, and installing stained- and leaded-glass windows. For full contact information, see the SourceList on pp. 162-164, 170.

TRADITIONAL BUILDING's ART GLASS *SourceList*

CSI# 12170

COMPILED BY LAURA R. ALLEN

COMPANY	SPECIALTY	Literature	TYPE OF ART GLASS: Beveled	Etched/Sandblasted	Carved/Cut	Leaded & Colored Glass Patterns	Leaded & Painted/ Fired Designs	Protective & Storm Glazing	Fused/Slumped Glass	Stained-Glass Domes	Other	New Designs	Replication	Repair/Restoration	Conservation	Residential/ Commercial
Statesville Stained Glass, Inc. **1103 Crawford Rd., Dept. TB** **Statesville, NC 28677** **704-872-5147; Fax: 704-872-7813**	Designs and fabricates stained-glass windows for churches.	Free		★		★	★	★		★		★	★	★	★	R/C
Studio B **RD #1, Box 3177, Dept. TB** **Bristol, VT 05443** **802-453-4254; No fax**	Custom designs in stained glass and sandblasted panel, for residential and commercial projects. Also, restoration services.	Free								★	Sand-blasted	★	★	★	★	R/C
Vloeberghs Stained Glass Studio, Inc. **2711 Piedmont Road NE, Dept. TB** **Atlanta, GA 30305** **404-261-3073; Fax: 404-266-0074**	Complete stained-glass design, from original concept to installation; uses glass slumping, fusing, hand-painting, jewels, bevels, and hand-crafted lead castings.	Free	★	★		★	★	★	★	★	Lead castings	★	★	★		R/C
Wallach Glass Studio, Inc. **1580 Sebastopol Rd., Dept. TB** **Santa Rosa, CA 95407** **707-527-1205; Fax: 707-573-1493**	High-end stained glass and deep bas-relief carved crystal; studio does large installations: churches, casinos, hospitals, and commercial buildings.	Free		★	★	★	★			★		★	★	★	★	R/C
Whitney Stained Glass Studio **2530 Superior Ave., Dept. TB** **Cleveland, OH 44114** **800-401-9678; Fax: 216-348-1116**	Full-service studio specializes in restoration of historic stained glass windows; new windows for ecclesiastic settings.	Free Write in No. 299	★	★	★	★	★	★		★		★	★	★	★	R/C
Zeitz, Barney **RFD 595A State Rd., Dept. TB** **Vineyard Haven, MA 02568** **508-693-9421; No fax**	Fused and laminated stained glass; incorporates drawing skills with metal oxides and overglazes; specialist in religious themes.	Free							★			★				R/C
Zsiba-Smolover, Ltd. **10 Sterling Place, Dept. TB** **New Milford, CT 06776** **860-354-5221; Fax: 860-354-9294**	Glass murals created by incorporating various techniques: kiln-formed glass, carved glass, mosaic, and painted finishes.	Free	★	★	★	★	★		★	★		★				R/C

special report
PERIOD WALLCOVERINGS

SourceList 172
Portfolio. 173

Hanging Historic Ambiance

One of the most simple and cost-effective (and attractive) methods of creating a period-style environment is through the judicious use of traditional wallcoverings.

Once the overall space has been characterized by the wallcoverings of a certain era, only a few period furnishings or ornamentation are needed to complete the illusion. Even the presence of contemporary furniture or technology doesn't have to spoil the impression, because the wallcoverings fill the eye with the image of a past decor and its specific sensibility — whereas a room can be stuffed with antique furniture but still be perceived as a modern space if its walls and ceilings bespeak only current tastes in color, texture, and atmosphere.

Whether the wallcovering is a documentary reproduction of a period design or a new creation in the style and spirit of another era, its effect on visitors is immediate and defining: The past has come alive once again. The renewed popularity and availability of traditional wallcoverings has been a special boon to commercial interiors, where the beauty and persuasiveness of the decor can be essential to the success or failure of the entire enterprise. If the handwriting is on the wall for your business, maybe it's time to cover that wall with the transformative products supplied by the companies listed on the following *SourceList*.

To assemble the Wallcoverings *SourceList*, the Editors surveyed 68 manufacturers and distributors of both documentary and historically styled wallcoverings. From their responses, we selected the 16 that best suited the commercial market. You'll find them listed on p. 172. — *CG*



www.traditional-building.com

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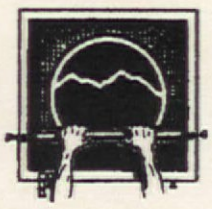
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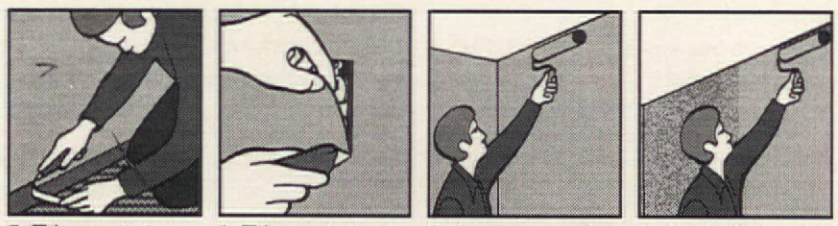
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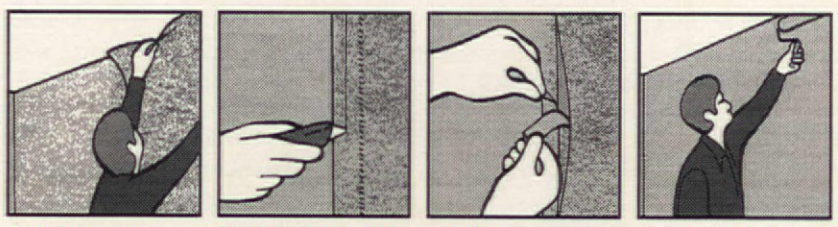
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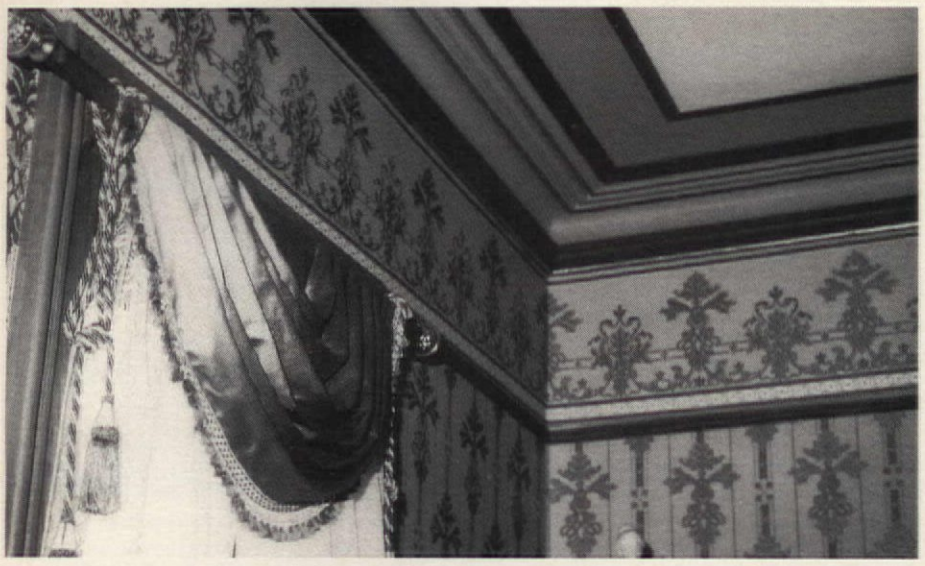
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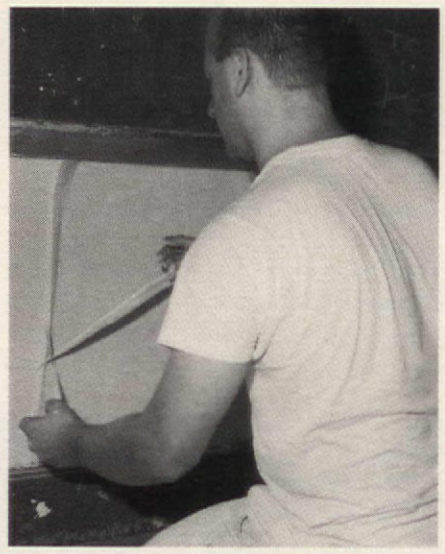
The dining room of "Seven Gables" at the Huron City Museum in Port Austin, Mich., is enlivened by the Emperor Sidewall and Emperor Border wallpapers of VICTORIAN COLLECTIBLES, LTD. *Write in No. 5250*



Wallpaper and border from J.R. BURROWS & COMPANY make the sitting room of the farm-manager's house at the Billings Farm & Museum in Woodstock, Vt., a Victorian showpiece all by itself. *(Photo: Jon Gilbert Fox)*



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- BRADBURY & BRADBURY ART WALLPAPERS

CALENDAR OF EVENTS

RESTORATION & RENOVATION/Boston. The national trade show and conference dedicated to the traditional and historical marketplace, the largest renovation & restoration event in the world, will be held at Boston's World Trade Center, **Mar. 12-14, 1998.** See p. 97 in this issue for more information or call (508) 664-8066 or FAX (508) 664-5822 for more information. Or log onto their website at www.egiexhib.com.

PRESERVATION CRAFTS WORKSHOP. The first international Preservation Trades Workshop will be held **Nov. 5-7, 1997** in Frederick, MD, co-sponsored by the Preservation Trades Network of APT and the Historic Preservation Training Center of the National Park Service. The hands-on gathering will allow practitioners in the preservation trades to observe demonstrations by other skilled craftspeople and provide opportunities for the sharing of skills and knowledge of materials, tools, and techniques. For more information, contact Bryan Blundell of PTN at (301) 309-2222, or Tom McGrath at the National Park Service at (301) 663-8206.

HISTORIC COUNTY COURTHOUSE CONFERENCE. The conference, **Nov. 6-9, 1997,** Cincinnati, OH, is directed toward architects, conservators, judges, facility managers, county administrators, and other decision-makers and will examine issues involving historic county courthouses including engineering, the courthouse grounds, master planning, preservation and conservation, art and artifacts, expansion options, financing and funding, and security and technology. For more details, contact the AIA Professional Interest Area at (202) 626-7482.

ENVIRONMENTAL AND ECONOMIC BALANCE: THE 21st-CENTURY OUTLOOK. This event, to be held **Nov. 7-9** in Miami, FL, is a joint conference of the U.S. Green Building Council and the AIA Committee on the Environment. Focus of the conference will be on the practical problems of "building green" within budget constraints. Speakers include Paul Hawken, Ray C. Anderson, Kathleen McGinty, and David Barry. For more program and registration details, contact the AIA at (800) 242-3837, or e-mail PIA@aia.org.

WORKSHOPS FOR SCULPTORS. Hands-On Workshops, running 2 to 5 days long, cover all aspects of moldmaking, carving, and sculptural processes. Workshop topics include: Stone Carving, Welding & Finishing Cast-Metal Sculpture, Wax Preparation & Ceramic-Shell Investment, Basic Portrait & Figure Modeling, Patina Processes & Materials, Bronze Casting in the Foundry, Making a Rubber Mold. Call (609) 890-7777 to request the Technical Workshop Catalog.

NOMMA ANNUAL CONVENTION & TRADE SHOW. The National Ornamental & Miscellaneous Metals Assn. is holding METALfab'98, its annual convention and trade show, **March 3-7, 1998,** at the Albuquerque Hyatt, Albuquerque, NM. Features this year include an expanded spouse program, extensive technique demonstrations, and an afternoon trip to Santa Fe. For more information, call (404) 363-4009.

Hantman: Architect of the Capitol, continued from page 5

the sidewalks; all of these are concerns in Washington. The difference is density. The Center has 15 million square feet of space on 16 acres; the Capitol has almost that much — 13.5 million square feet — but it is spread over 273 acres." Hantman's transition to the sprawl of his new domain and the politics of working on "The Hill" was eased by a month spent as a consultant to the Senate Inaugural Committee for President Clinton's second term. "It was a very positive thing to do," he notes. "I had a chance to look at some of the issues that were impacting the AOC agency — and to get my feet a little wet."

The AOC's To-Do List

Hantman hit Washington running. Within 10 days of his official start date, he was before the House Appropriations Committee defending a budget prepared by his predecessor for some $200 million. In addition to budgets, there are major review and reorganization tasks that Hantman is already addressing. One is privatization. "There had been a major drive in the 104th Congress to privatize many of the services AOC provides to the House of Representatives, and to a lesser extent the Senate," says Hantman, "and this drive to implement change that can promote greater efficiency continues into the 105th Congress. We are looking at where it makes the most sense for these functions to reside. Clearly, there is a tradition of outside architects, engineers, and contractors being hired for major projects and functions and being managed by internal staff. It's a matter of striking the right balance."

Reevaluation of the AOC and its methods of doing business has also been prompted by new rules imposed by Congress that place the agency under many of the same laws that govern private business. The days of Capitol Hill's exemption from ADA, OSHA, and affirmative action have come to a close. And this is true for all the agencies on The Hill, not just the AOC. Hantman is also working to make the agency more responsive to neighborhood concerns. He acknowledges that there has been a movement by some members of the neighboring community to legally obligate the AOC to a local design review process — something that has not been done in the past. While legislation creating such a process is pending, Hantman has been meeting with neighborhood associations to talk about issues of mutual concern.

Drumming for Dollars

To add elements of suspense, politics, and high-salesmanship to the position, Hantman must seek AOC's funding from the public coffers as part of the federal budget assembled by Congress and the President. This is probably the most consuming aspect of the AOC position, but truly one Hantman takes quite seriously in order to build a reputation for professionalism and credibility with Congress. The AOC has an operations budget and a capital budget; the latter covers primarily renovations and repairs to existing buildings and infrastructure. One of Hantman's first tasks was to review, validate, and present to Congress information for a five-year plan, which had never been done.



Rockefeller Center is a welcome island of urban sanity in the unruly congestion that is midtown Manhattan. The 16 million sq.ft. of property that Hantman oversaw as Vice President of Facilities Planning and Architecture included the buildings of the original three-block complex built between 1932 and 1940; the five towers along Sixth Avenue from the 1960s and '70s; and a labyrinth of underground pedestrian malls, walkways, and subway connections linking the entire complex. *(Photo: Courtesy of The Rockefeller Group ©1997 Rockefeller Group, Inc.)*

He can explain his methods best: "Part of the process I've gone through in learning where this agency is in terms of financing and capitalization is recognizing that for the last five years there have been consistent cuts in the capital budget — from over $30 million in 1992 to $14 million in the current fiscal year. At the same time, we have fiscal 1998's list of 135 projects worth $54 million. Clearly, Congress has a responsibility to look at budgets in terms of prior years, and for the operations budget this is quite useful. But is it realistic to expect a $14 million capital budget to adequately maintain a campus of 13 million square feet?

"Part of my presentation to the appropriation committees was to say 'let's take a look at how we benchmark against similar facilities.' The closest we can get is a university-type setting because that is really what the Capitol is, a campus. We looked at Stanford, University of Illinois, and other institutions to see what we should be spending on an annual basis just to maintain our facilities — no new technology; no major renovations, just sustaining the status quo. The average came out to about 1.7 percent of the replacement value of the physical plant and infrastructure. So we went through the exercise of valuing the buildings on Capitol Hill and came up with $3.6 billion. If you take 1.7 percent of $3.6 billion you should be spending $50-60 million just to stay even. And we were down to $14 million."

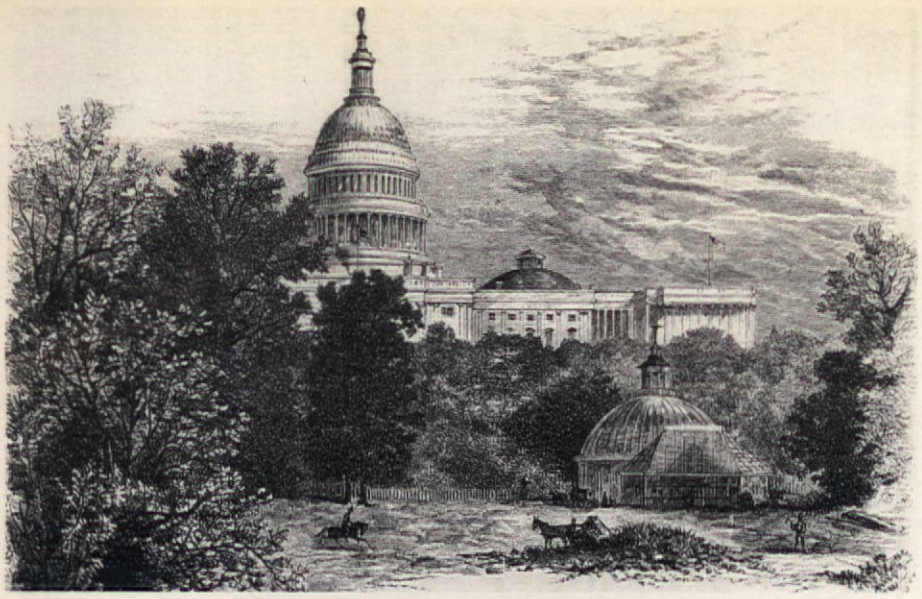
As convincing as this sounds, Hantman went further. He revisited all 135 projects and validated each one. "We took a folder on every one of those projects into the hearings. We talked about where the numbers came from, what the rationale was, and if you don't do it, here is what might happen." The senators and representatives can line veto each project, so in effect, they are given a shopping list. Hantman is realistic enough to know that the AOC will not get the full capital budget requested, but is pleased with the initial reviews showing the Senate approving 80 percent of the request and the House, 64 percent. Now it is a matter of waiting for final negotiations between the two legislative bodies and the President. Meanwhile, Hantman and staff are busy at work on the budget for fiscal 1999.

On the Horizon

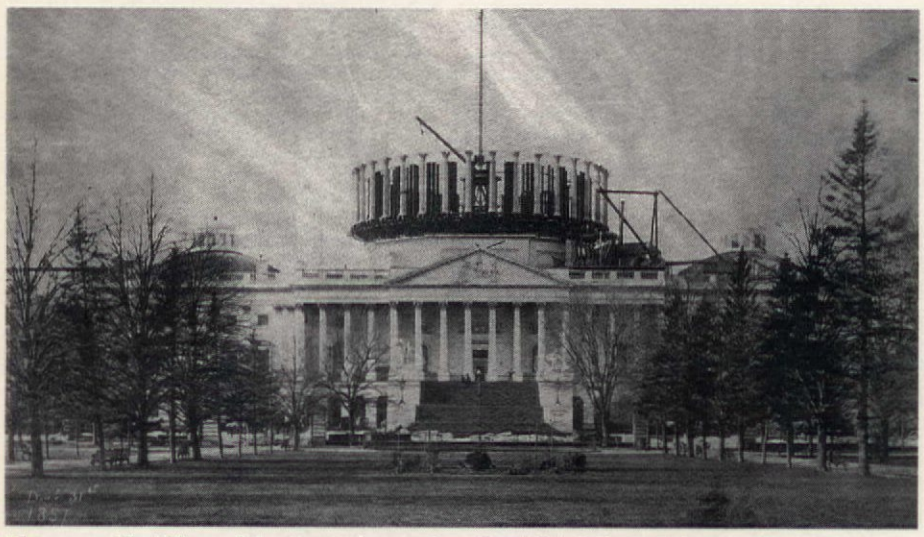
The biggest project under consideration is a visitors center for the Capitol. Given the current sophistication of the tourism industry, it is surprising that so little exists to make a visit to the Capitol easy or informative. If you can find the right entrance, you can



The dome of the Capitol is cast iron and steel. All the exterior elements, including the peristyle of 36 columns at the base, are cast iron, painted to blend with the marble and limestone used on the base buildings. The copious pilasters, brackets, capitals, columns, and window surrounds earn the dome a bona fide "wedding cake" classification. *(Photo: Architect of the Capitol)*



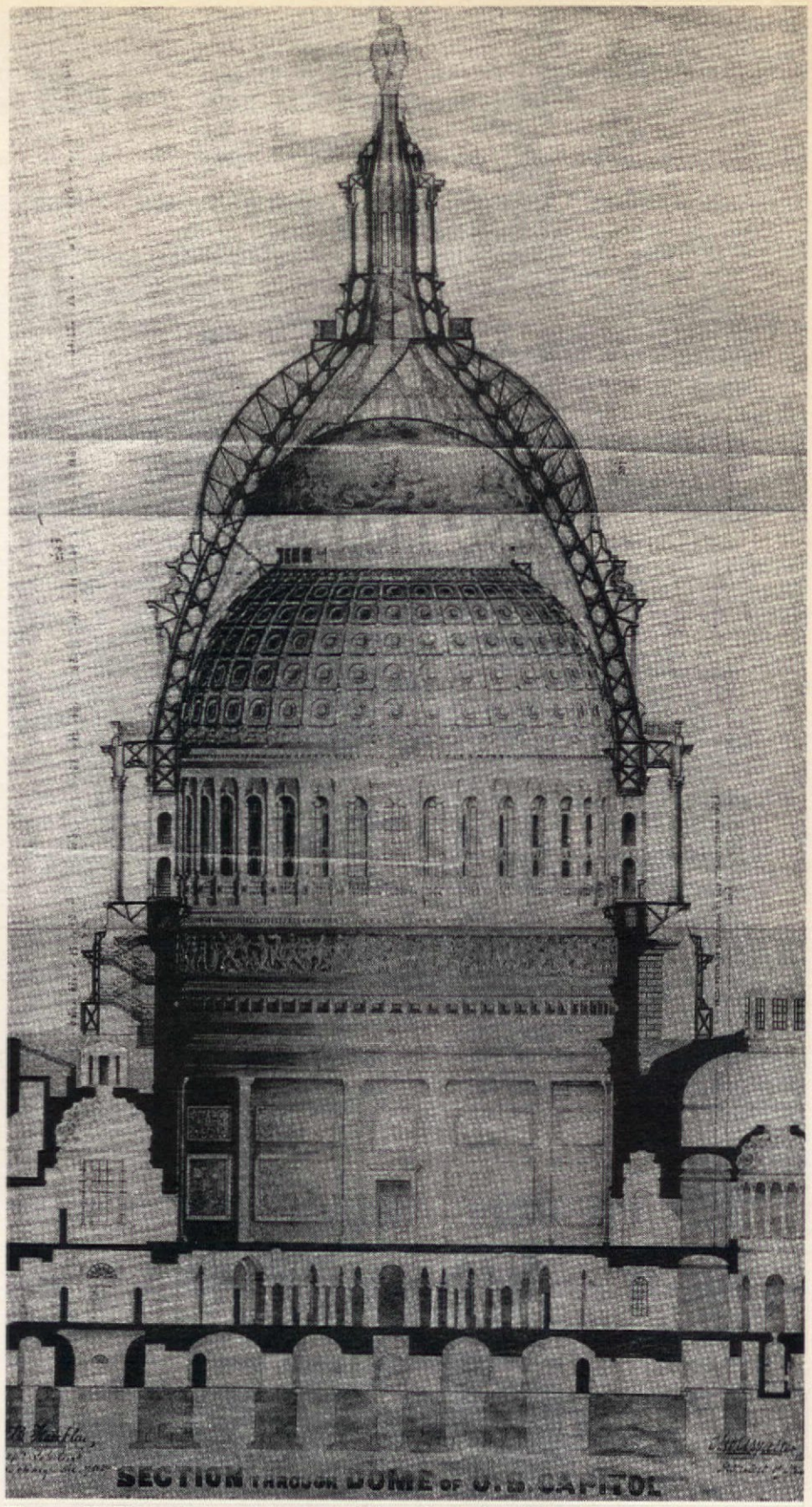
When the Wilkes Expedition returned from the South Seas in 1842 with a collection of plants from around the globe, Congress decided to erect a permanent conservatory to serve as the U.S. Botanic Garden. The building, shown above, was completed in 1933 on a site west of the Capitol presently occupied by the Reflecting Pool. In this view, the area still reveals much of its original form — an alder swamp bordered by tall woods. It was not until 1889, after 15 years at the hands of Frederick Law Olmsted, that the Capitol grounds took on the more refined form they have today. *(Photo: Architect of the Capitol)*



The central building of the Capitol, completed in 1824, followed the two flanking wings by almost 20 years. This structure, designed by Charles Bulfinch, sported a low wooden dome covered in copper. In 1855, Congress voted to replace Bulfinch's dome with a more proportional and imposing cast-iron dome based on a design by Philadelphia architect Thomas U. Walter. The view above shows construction on the new dome underway in 1857. The steam-powered derrick used to lift the 8.9 million pounds of iron work was fueled by burning wood from the old dome. Construction progressed uninterrupted by the Civil War, and on December 2, 1863, the final section of the statue, "Freedom," was placed on the dome to a 35-gun salute. *(Photo: Architect of the Capitol)*

wander the labyrinth of hallways, hit-or-miss style, or you can be marshaled around by a guide holding an umbrella, chanting "follow me." Site visitation and interpretation have practically become a new science, and Hantman is excited about making the Capitol a better experience for visitors. It is a project he is championing.

A design for the center, which will be largely underground in the area of the East Plaza, has been prepared by RKTL with an estimated project cost of $125 million. Hantman is now working on funding issues: What is the level of public funding, what is private; how do those dollars get raised; and what is the time frame? "There are many reasons for a visitors center," says Hantman, "among them the fact that we get more visitors than we can safely handle right



Thomas U. Walter designed the Capitol dome in the late 1850s incorporating a double-dome scheme he had seen in the Pantheon in Paris. The upper dome, or canopy, presents Constantino Brumidi's fresco, "Apotheosis of Washington." *(Photo: Architect of the Capitol)*

now. We need an orientation film that forces us to think about our democracy and communicate its history and its essence." The center Hantman envisions would have interactive areas where visitors could check the voting record of their congressional representatives and leave them messages, as well as an introduction to the buildings and the art visitors will see inside, plus first-class visitor facilities — from dining to diapering.

The visitors center is an ambitious project, one that will no doubt raise controversies regarding its scope, content, and perhaps even its commercialism given the prudently reserved demeanor of the Capitol campus. As introduction or refresher, information about government can be useful. Truth be known, while most Americans could recognize the image of the Capitol dome on a two-bit trinket from 10 yards, they would be hard pressed to identify the defining components and responsibilities of each branch of government, let alone whether the Apotheosis of Washington is a tune, tome, or geographic point. (It's Constantino Brumidi's painting on the rotunda dome.) Visitors will undoubtedly depart D.C. with more to think about if the visitors center goes forward. Along the way, they might even learn that there is an Architect of the Capitol, and that his job is more than you might first guess. ■



Hantman's most difficult decision in the early months of his tenure was to close the U.S. Botanic Garden. The age and condition of the structures, particularly the 1933 conservatory, rendered them unsafe for public use. Congress voted through an emergency appropriation of $33.5 million to carry out a full renovation. In addition, $10 million has been secured though private fundraising for The National Garden and an interpretive learning center on the three-acre parcel directly west of the present facilities. If all goes as planned, the whole new complex will be dedicated in 2000. *(Photo: Architect of the Capitol)*

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Custom Forged Hardware — Full-service blacksmithing shop custom-produces hardware, fireplace tools, etc. Repair and restoration specialists. For catalog or details, call (704) 667-8868. **Kayne & Son**

196. Exterior Shutters — Mahogany exterior shutters with raised panel, louvered, and cut out styles. **Kingsland Co.**

269. Decorative Hardware — Distributors of a vast selection of hardware including door, window, transom, and cabinet hardware. **Kraft Hardware**

7600, Door & Window Hardware — Exclusive importer of a wide range of traditional house hardware; over 21,000 items available. Free brochure. **Maguire Iron**

2680. Fire-Rated Panel Doors — Wood doors have elegant architectural look, and also carry a fire rating. Free brochure. **Maiman Co.**

1460. Wood Windows — Wood sash in any size and shape: divided lite, round top, curved, double-hung, fixed, casement, or storm sash. Also, shutters, screen doors, and trim. Free brochure. **Midwest Architectural Wood Products**

2800. Hand-Cast Door Hardware — Authentic high-quality reproductions of period door and shutter hardware. Free brochure. **D.C. Mitchell Ent.**

1150. High-End Period Hardware — Manufacturers and suppliers of door hardware from 19th-c. European to Moderne and Deco styles. Free brochure. **Nanz Custom Hardware**

319. Pewter & Bronze Hardware — Decorative pulls, knobs, furniture, and cabinetry hardware in styles including Victorian, Art Nouveau, and Art Deco. —

1240. Shutter Hardware — Specialist in shutter hinges, shutter dogs (holdbacks), shutter bolts, and shutter ring pulls. Free literature. **Peters & Son**

5950. Sash Pulleys — Solid-brass and -steel, plain and ball-bearing sash pulleys; sash chain; and traditional brass window hardware. Free literature. **Phelps Company/Architectural Specialties**

7720. Solid Bronze & Brass — Door, bath, and cabinet hardware; some with hand-applied patinas. Free brochure. **Rocky Mountain Rustic Hardware**

7400. Brass and Copper Hardware & Ornament — High-quality solid-brass and -copper door and bathroom hardware. Also has a line of traditional copper weathervanes. Free literature. **Sign of the Crab**

420. Decorative & Architectural Hardware — Door hardware, mail slots, and all types and periods of decorative hardware. Also has kitchen and bath hardware departments. **Simon's Hardware and Bath**

136. Architectural Hardware — Bronze foundry specializes in door, window, and cabinet hardware; custom manufacturing available; in-house design and prototyping. **Sun Valley Bronze**

142. Mahogany Storm & Screen Doors — Handcrafted screen and storm doors in more than 30 designs. Free brochure. **Taylor Brothers, Inc.**

1101. Combination Storm/Screen Doors — Custom-made doors in styles including Victorian, Mission, and Colonial; species include oak, pine, and poplar. **Victoriana East**

5951, Historic Wood Windows — Historically accurate wood sash and windows for restoration of 18th, 19th, and early 20th century buildings. Precise profile duplication; antique or reproduction cylinder glass. **Walter E. Phelps Co.**

8410. Unused Antique Hardware — Original 19th- and early-20th-century hardware for windows, doors, shutters, etc. Stock always changes. Free brochure. **Wm. J. Rigby Co.**

9640. Wood Doors & Windows — Full range of millwork services from authentic restoration to custom design & production. Skilled at recreating historic windows and doors. Free flyer. **Wood Window Workshop**

8430. Specialty Wood Windows — Palladians, straight, and fan transoms. Single-, double-, or triple-glazed, thin muntins. Also, solid-wood doors with insulating core. Free brochure. **Woodstone Co.**

DIVISION 9 FINISHES

8920. Tin Ceilings — 26 Victorian and Art Deco tin-ceiling patterns. 2x8-, 2x4-, and 2x2-ft. panels for nail-up or lay-in. 13 cornices; pre-cut miters. 2x2-ft. center medallions. Free literature. **A.A. Abbingdon**

1320. Antique Wood Flooring — Premium quality flooring from recycled first-growth woods including chestnut, oak, heart pine, poplar, and more. Free brochure. **Aged Woods, Inc.**

70. Solid Wood Registers — Ten standard sizes, a variety of species, and adjustable damper systems. Free brochure. **All American Wood Register Co.**

304. Custom Casts & Molds — Sculptor repairs, reproduces, casts, and molds elements in materials including GRG, plaster, and polymers. **Archicast**

4934. Ornamental Ceilings & Ornament — Architectural elements distributor stocks a broad range of decorative ornaments and ceiling panels in a variety of materials. Free flyer. **Architectural Products By Outwater**

6130, Molded Architectural Ornament — Manufacturer and installer of cast decorative elements for exterior and interior. Wide variety of materials. Free brochure. **Architectural Reproductions**

8230. Arts & Crafts Fabrics — Reproduction or custom-designed textiles: yardage, curtains, pillows, bedspreads, table linens, and scarves. Free brochure. **Arts & Crafts Period Textiles**

2810. Interior Ornament — Adheres to any surface when steamed, including wood, plastic, and metal. Free brochure. **Bomar Designs**

Victorian Roomset Wallpaper — Vast array of borders, fills, and patterns. Catalog shows 10 roomsets including Neo-Grec, Arts & Crafts, Morris, Aesthetic Movement. Catalog $10; call (707) 746-1900. **Bradbury & Bradbury**

5100. Decorative Painting — Headed by a European-trained master painter, this studio does major projects all across the country. Restoration a specialty, but also executes new commissions. Free brochure. **John Canning & Co., Ltd.**

8070. Hand-Printed Wallpapers — More than 100 patterns of historically accurate hand-printed wallpapers using water-based ink. Victorian, Anglo-Japanese, and Arts & Crafts **Carter & Co./Mt. Diablo Handprints**

190. Tin Ceilings — 18 patterns of tin ceilings for Victorian homes and commercial interiors. Designs from Victorian to Art Deco. Several exclusive patterns; cornices in 4-ft. lengths. Free brochure. **Chelsea Decorative Metal Co.**

8780. Antique Wood Flooring — Original antique and remilled flooring from antique recycled lumber, in chestnut, oak, white pine, yellow pine, and sugar pine. **Chestnut Specialists**

2400. Metal Ceilings & Lincrusta — Extensive line of tin ceilings and trim with a Class-A fire rating. Also, durable high-relief Lincrusta for walls and ceilings. Free brochure. **Classic Ceilings**

5470. Exterior Color Consultants — Consulting to Victorian homes and businesses. Also, lecture services. Free brochure. **The Color People**

322. Flooring — Plank, parquet, inlaid, and antique flooring; also, prefinished cork flooring. **Cordts Flooring Co.**

4320. Extra-Wide Boards — Pine boards for flooring or paneling in widths from 12 to 24 in., kiln dried. Wide oak flooring from 4 to 9 in. Custom moldings & millwork; dual wainscoting. Free brochure. **Craftsman Lumber**

334. Ecclesiastical Finishing — Gilding, stenciling, stained glass design, and other interior artwork for commercial and religious buildings. **Daprato Rigali, Inc.**

2320. Terrazzo — And seamless composition flooring installations throughout New England. Free brochure. **DePaoli Mosaic Co.**

2550. Decorative Painting — Work on-site or in studio; all kinds of decorative painting techniques; collaborate with clients on ideas and concepts. **Decorative Arts Studio by R&R Muto**

210. Molded Ornament — Huge selection of molded ornament in plaster and compo. Wide variety of historical styles. Wood mantels also. Free brochure. **Decorators Supply**

250. Historic Tiles — For fireplaces, kitchens, or bath: coordinated borders and patterns in any size. Victorian, Neoclassic, De Morgan, Art Nouveau, Arts & Crafts, and more. Period pavers. Colorful catalog. **Designs In Tile**

3420. Cork Flooring — 3 shades of natural-cork floor tiles are suitable for commercial or residential use and enhance the natural Arts & Crafts interior. **Dodge-Regupol, Inc.**

1980. Gold Leaf Products — Genuine and imitation gold-leaf materials for interior and exterior uses. Free brochure. **Easy Leaf Products**

2950. Ceiling Systems — Stock and custom flat or barrel vaults designed for installation in a standard grid. Also, lay-in or nail-up ceilings. Free brochure. **Entol Industries, Inc.**

2460. Historic Painting — Major studio with extensive restoration and original design experience. Services range from research and analysis to trompe l'oeil, graining, and gilding. Free literature. **EverGreene Painting Studios**

284. Decorative Painting — Wall glazing, graining, faux finishes, and murals. **Fabulous Finishes**

9550. Belt-Driven Ceiling Fans — Nostalgic-style fans for commercial interiors, porches, and residences in a variety of styles, including interior lighting/fan combos. Free brochure. **Fanimation**

4690. Faux Finishing Products — Manufacturer/supplier of water-based decorative and faux products. Also offers classes. Free brochure. **Faux Effects**

2890. Molded Ornament — Fine period & custom ornament: Cornices, medallions, sculpture, niches, capitals, brackets, domes. 2,300 antique molds available. Routinely handles large jobs. Free catalog. **Felber Ornamental Plastering**

291. Decorative Finishes — Traditional to contemporary decorative finishes for commercial and residential interiors and exteriors. **Fine Painted Finishes**

150. Custom Wine & Cigar Cellars — Specialists in wine and cigar cellar design, specification, and assembly. Clients worldwide. **Fine Wine Rack & Cellar Co.**

1960. Plaster Ornament — Hundreds of ornaments in fiber-reinforced plaster from Turn-of-the-Century molds. Also, custom duplication of ornament from your sample. Free flyer. **Fischer & Jirouch Co.**

4900. Flexible Molding — Also, rigid moldings, spot decorations, and simulated wood carvings for furniture, etc. Custom reproductions in polymers & polyesters available. Free brochure. **Flex Moulding, Inc.**

8980. Gilded Domes — Exterior and interior gilding and copper-patination projects nationally and overseas. Also, steeplejack services. Free brochure. **Gilders' Studio, Inc.**

7920. Wood Grilles — Accommodate a standard metal register and fit over the metal, for standard duct openings. Free brochure. **Grill Works**

4020. Classical Cast Stone — British designers and manufacturers offer period reproductions of architectural and landscape products including follies, fountains, and fireplace mantels. Free brochure. **Haddonstone**

3520. Decorative Plasterwork — Projects for the hospitality industry; plasterwork, including scagliola; stock and custom work. Free brochure. **Hayles and Howe**

9140. Parquet Floors — Classic hardwood parquet borders and full-room patterns are exact reproductions of floors found in homes built from 1880 to 1920. Free brochure. **Historic Floors of Oshkosh**

275. Decorative Stonework — Flooring, tabletops, tiles, and accents in waterjet-cut polished stone. **Intarsia Co.**

5680. Victorian Tile — Authentic Victorian tile for fireplace surrounds and hearths, in both encaustic and lithographed patterns. Free brochure. **H & R Johnson**

8550. Victorian Encaustics and Ceramics — Manufactures the Minton Hollins line of encaustic and ceramic tile for floors, fireplace surrounds, and more. **Johnson, H & R**

4910. Historic Pigments — Recreate the exact look of historic finishes through the use of authentic earth pigments and colors. **Kremer Pigments**

5000. Modeling, Moldmaking & Casting — Custom replication of terra cotta, stone, and plaster. Dutchman repairs. Field molds taken. **Landmark Studios**

226. Bonding Agents — Surface-applied bonding agents for exterior and interior uses; acrylic admixture to modify portland cement, mortar, and plaster. **Larsen Products Corp.**

810. Interior & Exterior Gold Leaf — Gold leaf for interior and exterior gilding. Also, silver leaf, gold size, tools, and imitation gold leaf. Free brochure. **Leo Uhlfelder Co.**

272. Antique Heart Pine — Flooring and custom milling in heart pine; wide-plank and random-width boards. **Longleaf Lumber**

6230. Gold Leaf & Sculpture Conservation — Gold leaf on domes, cupolas, monuments. Restoration and conservation of monuments and monumental sculpture. **Marshall Gold Leaf Studios**

55. Bamboo Flooring & Veneer — "Bamtex" flooring features interesting natural blond patterns, durability, and the hardness of hard maple. Product can be used for fine cabinetry, too. **Mintec Corporation**

205. Mold Making — Moldmaking for statuary and architectural elements. **Mold Shop by DeGroot Designs**

7270. Moldmaking & Casting — Sculptural studio casts in metals, resins, and other materials. **Moldmaking & Design, Inc.**

323. Stencil Masks for Painting — Custom, computer-designed stencil masks for decorative ceilings and walls; multi-color, self-adhesive, easy-to-remove stencils. Free brochure. **New Horizons Art & Design Studio**

6100. Ceramic Tile — Hand-painted and custom relief tile, friezes, and murals; reproductions and glaze matching. Also, terra-cotta tile. Free literature. **Nocera Art Tiles**

374. Magnaflor Flooring — Makers of a seamless magnesium oxychloride flooring that is watertight, odorless, and highly durable. **O'Neill Co., Inc.**

331. Floor Tile — Handmade, custom colored cementitious floor tile in over 50 styles and patterns; nationwide distribution system. **Olde World Tile, Inc.**

3150. Copper Coatings & Patinas — Four finish colors, including verdigris green, can be applied to copper or any metal, and to any interior or exterior material. Free brochure. **Patina Finishes & Copper Coats**

7340. Rubber-Mold Materials — Manufacturer and distributor of products for rubber-mold design. Free brochure. **Perma-Flex Mold Co.**

6360. Moldmaking & Casting Materials — Rubbers for flexible molds — brush-on or pourable. Fast durable molds for plaster, cements, and resins. Variety of casting resins. **Polytek Development Corp.**

58. Moldmaking Materials — Liquid urethanes and silicones for flexible molds and cast parts. High-quality reproductions. Free brochure. **Precision Converting**

325. Custom Ceiling Domes — Any size ceiling domes, including plaster shells and fully-finished domes; finishing options include coffered wood, pre-wired lighting, faux finishes, and murals. **Renaissance Ceiling Domes**

4630. Faux Finishing — Company sells water-based products, offers workshops, and accepts decorative painting and finishing commissions. Free brochure. **Ritins Studio, Inc.**

2980. Plaster Conservation — Restoration using traditional techniques and modern consolidants. Also, custom enrichment for new construction. Free brochure. **Rory Brennan**

303. Painted Decoration — Design and execution of murals, trompe l'oeil, and faux finishes for commercial and residential projects. Also, custom folding screens and murals on canvas. **RuthAnn Olsson — Artifice**

2880. Gold Leaf Supplies — Gold leaf in booklets or rolls, oil sizes, Kolner burnishing clays for water gilding, imitation gold & aluminum leaves & rolls. Free brochure. **Sepp Leaf Products**

1660. Wood Flooring & Paneling — Hardwood flooring, paneling, and ceilings in a variety of species, such as cherry, ash, white oak, maple, walnut, and poplar. Free brochure. **Sheoga Hardwood Flooring & Paneling**

6050. Moldmaking Silicones — Manufacturer of moldmaking silicones used for reproducing ornamental moldings. **Silicones, Inc.**

650. Architectural Molding Materials — Molding compounds can be used on-site, and are readily pourable or brushable for painting onto vertical surfaces. Free brochure. **Smooth-On**

8450. Polymer Ceiling Tiles — Resemble tin ceilings, and fit into a suspended-grid system. Various colors and patterns available. Free brochure. **Snelling's Thermo-Vac, Inc.**

1530. Plaster Wall Repair — System combines a saturant with a fiberglass fabric that can then be painted. Free brochure. **Specification Chemicals**

1100. Historic Paint Colors — Source for Old Village linseed-oil paints, Williamsburg Buttermilk paints, and feathers, combs, and graining tools. Free brochure. **Stulb's Old Village Paints**

5620. Patinas & Chemicals — Chemicals for the coloring of metals. Large selection of colors available. Free literature. **Sur-Fin Chemicals**

2790. Custom Ceramics — for historic restoration, hearths, church work, and more. Relief tiles, mosaics, murals, and one-of-a-kind designs. Free brochure. **Terra Designs**

4490. Hardwood & Pine Wide Plank — Flooring in white pine and a variety of hardwoods; random-width plank flooring; custom millwork. **Timberknee**

5250. Victorian Wallpaper — Owner and reproducer of the Brillon collection, which contains over 4,500 rolls of 1,377 patterns of American documentary wallpaper, c.1850. Free brochure. **Victorian Collectibles, Ltd.**

311. Antique Wood Flooring — Flooring from reclaimed oak, chestnut, and other hardwoods; wide plank, random width, and tongue-and-groove flooring. Free brochure. **Vintage Lumber Co.**

520. Sheetmetal Ceilings & Ornament — Richly ornamented metal ceilings, from original Turn-of-the-Century dies. Also, exterior cornices and hundreds of sheetmetal ornaments. Free catalog. **W.F. Norman**

8900. Gold & Silver Leaf — Gilding supplies, gold, silver, and imitation leaf, available in packs, rolls, or books. Free brochure. **Wehrung & Billmeier**

2910. Wine Racks & Cellars — Wine cellar kits and customized stock racking for commercial and residential applications. Free brochure. **Wine Racks Unlimited**

1633. Polyurethane Moldings — Cornice moldings, niches, and ceiling medallions in traditional styles are crafted in strong, lightweight high-density polyurethane. **Worthington Group**

DIVISION 10 SPECIALTIES

177. Custom Signs — Cast-aluminum and cast-bronze plaques for buildings, parks, and gates. **Accurate Castings, Inc.**

760. Cast Bronze & Aluminum — Plaques in standard or custom designs, bas relief work. Free brochure. **All-Craft Wellman Products, Inc.**

790. Wood & Metal — Complete selection of cupolas from painted white pine, redwood, red cedar, or metal with pagoda, bell, or hip roofs. **Allen Cupolas**

3230. Bird and Pest Repellants — Non-toxic chemical roost inhibitors, visual and sound pest inhibitors, barriers, and more. **Bird-X Inc.**

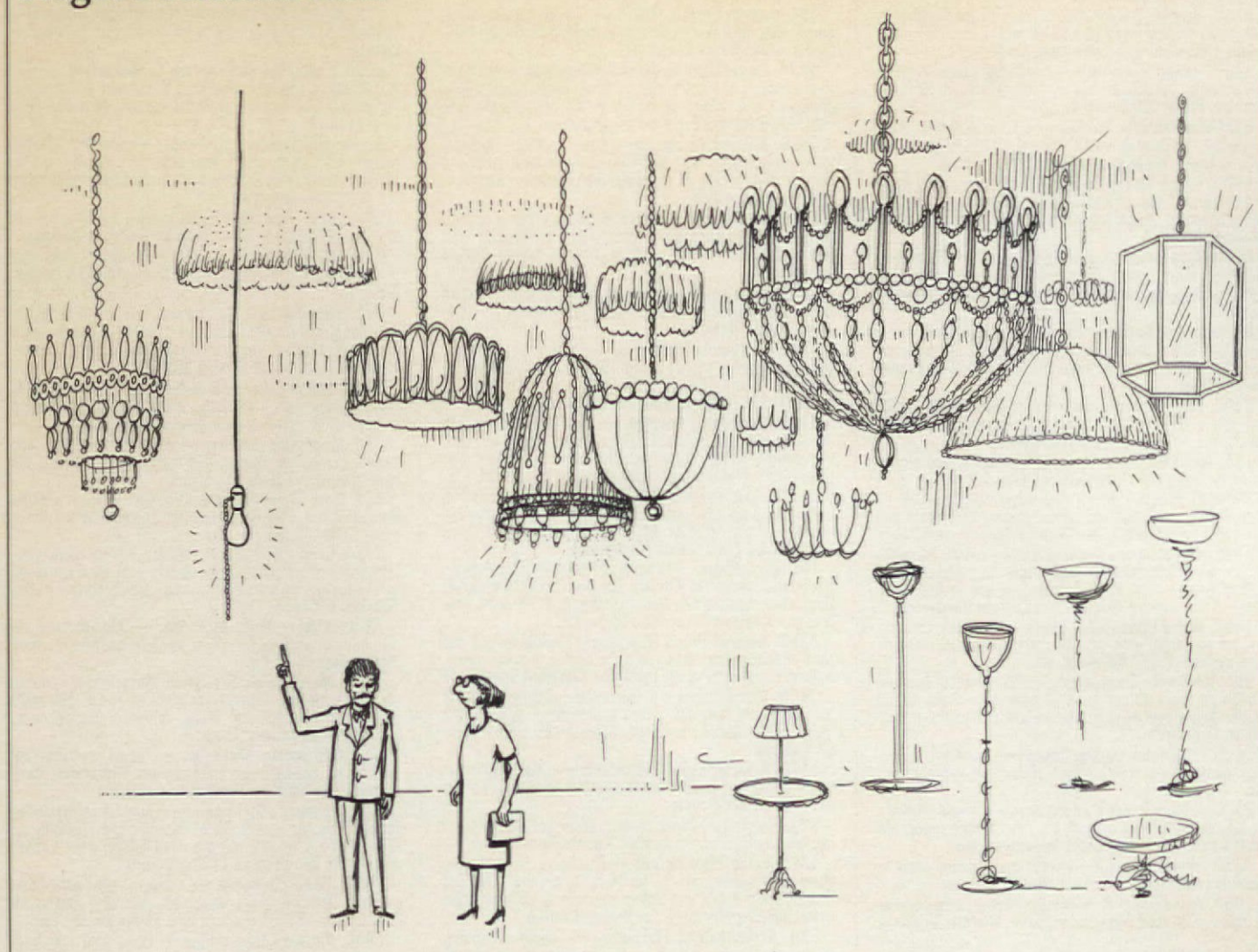
2590. New & Restored Rumford Fireplaces — Company also converts Victorian coal and gas fireplaces to wood-burning Rumfords. Free brochure. Buckley Rumford Fireplace Co.

31. Carved Cantera Stone — Sculpture, table bases, mantels, fountains, garden ornament, and more carved in natural stone quarried in Mexico. **Cantera Especial**

298. Carved Stone Elements — Hand-carved planters, mantels, fountains, balusters, columns, and more, in Cantera stone. **Cantera Handcarved Stone**

1361. Brass Flagstaff Holders — Solid-brass, machined flagstaff holders are precision-engineered for a variety of applications and mounting surfaces. Free brochure. **Chaenomeles, Inc.**

siegel's scratchboard



". . . And we call this little number, 'American Shack.'"

1360. Copper Mailboxes — Timeless designs can be wall mounted; two types of poles available with torch-cut numbers. Free brochure. **Chaenomeles, Inc.**

1510. Gilding & Glass Signs — Reverse painted glass signage, gilding on glass, stone, metal, or wood, and glue-chipped and etched glass. Free brochure. **Chicagold**

107. Weathervanes, Cupolas, & Finials — Extensive catalog with a large selection of weathervanes and roof ornament; custom design and crafting available. **Crosswinds Gallery**

9100. Carved Stone — Skilled carvers and sculptors create statuary, ornament, mantels, entrances, and architectural moldings. Reproductions in marble, limestone, or bronze. Free brochure. **DMS Studios**

279. Carved Limestone — Fireplaces, balusters, columns, and more in limestone (Indiana buff, Texas cream, and Mankato gold). Free brochure. **Dixie Cut Stone & Marble, Inc.**

4290. Flagpoles, Weathervanes & Cupolas — More than 50 stock weathervanes, with custom designs available. Free brochure. **Eder Flagpole Company**

5690. Carved-Wood Furniture & Mantels — Handcrafted custom and stock mantels in hardwoods and custom-cast stone. Furniture, including mirrors, tables, chairs, and architectural elements. **Edmon's Unique Furniture & Stone Gallery**

297. English Fireplaces & Accessories — Tiles, cast-iron inserts, mantels, and electric fireplaces made in England. **Fires of Tradition**

5530. Plaques & Signs — Foundry has cast-aluminum and cast-bronze plaques, National Register plaques, and custom tablets. **Healy Brothers Foundry**

1180. Wooden Flagpoles — Handmade wooden flagpoles with classic square-to-octagon-to-tapered round design. Select Douglas Fir, turned on custom lathe with a white glass finish. Free brochure. **Hennessy House Wooden Poles**

5350. Marble Mantels — Reproduction marble mantels from all periods. Made from pulverized quarried marble, cast from molds direct from antique originals. Illustrated catalog. **Heritage Mantels**

337. Gas Firebaskets — English firebaskets with gas coals and gas logs; handmade of solid brass, cast iron, and polished steel. **Homefires**

9160. Historical Markers & Custom Casting — Foundry casts plaques in bronze, brass, aluminum, and nickel. Six styles of National Register markers. Custom casting; free brochure. **La Haye Bronze Architectural**

8730. Historic Markers & Castings — Many patterns and styles to choose from in cast aluminum and cast bronze. Also, custom ornamental castings. Free literature. **Lake Shore Industries**

5390. Architectural Mantels — French tradition, from Gothic to contemporary. Products include fountains, columns, moldings, benches, etc. Free brochure. **Limestone Concept**

1093. Mantels & Newels — Ornate hand-carved wood mantels in the European style. Newel posts in oak, maple, or mahogany. Brochure available. **MTI International**

5440. Signmaking & Scale Drawings — Traditional signmaking in wood and cast metal. Signmaking drawings. **Musgrove Studios Signmaking**

370. Pigeon Control — Get rid of bird pests with inconspicuous stainless-steel needles that eliminate roosts — without harming the building. Humane and practical. Free flyer. **Nixalite**

314. Custom-Built Mantels — Hardwood mantels and overmantels; options include woodcarving, inlays, custom moldings. **Old Mill Mantels**

282. Cast Stone Mantels — New line of fireplace mantels; technical assistance for installations. **Old World Stoneworks**

7580. Fireplace/Stoves — Freestanding, energy-efficient, wood-burning stoves in 7 colors, with see-through door option. Free brochure. **Rais and Wittus, Inc.**

268. Fender Seats — Importer of English fender seats that surround the fireplace, available with leather or upholstered seats. **Rockingham Fender**

255. Architectural Signage — Wide range of exterior and interior signage, both custom and off-the-shelf units. Free brochure. **SLN Group**

460. Historic Markers — Historic markers in sand-cast bronze or aluminum. Also, anodized-aluminum markers with image permanently embedded in bronze or pewter finish. Custom work. Free catalog. **Smith-Cornell**

8630. Architectural Cast Stone — Mantels, columns, fountains, pavers, garden ornaments, and more, handmade using precision tooling. Free brochure. **Stone Legends**

9060. Cast-Stone Mantels — That look and feel like cut limestone. Free brochure. **Stone Magic Mfg.**

62. Stoves — Hand-crafted pellet and gas stoves. **Thelin Co., Inc.**

287. Cast Metal Elements — Plaques, door markers, planters, and more in cast bronze and cast aluminum. Free brochure. **Tilden Manufacturing, Inc.**

9080. Flueless Victorian Fireplaces — Reproduction cast-iron, aluminum, and solid-brass fireplaces that are flueless and burn clean, non-toxic gel fuel. **Vestal Fires, Inc.**

5590. Period Style Mantels — Stock and custom sizes and designs. Carved ornaments. Free brochure. **Wohner's**

DIV. 12 FURNISHINGS & ARTWORK

1076. Figurative Sculpture — Representational sculpture, specializing in the human form. **Archer Sculpture**

1500. Lighting & Interior Artwork Projects — Monumental murals for institutions and church projects; interior lighting design. **Architectural Features/ Charles Madden Sculpture**

2510. Custom Art Glass — Hand-beveled-, stained-, and etched-glass windows, screens, and tables for residential and commercial installations. Free literature. **Art Glass of the South**

1086. Custom Stained Glass — Leaded and etched glass from this stained glass studio. **Artique Glass Studio**

309. Stained Glass Conservation — European-trained artisan works on stained glass at museums and historic and sacred sites. **Atelier Foucault Stained Glass Studio**

1009. Carved Architectural Elements — Can replicate carving and sculpture, garden elements in any material and size. Free brochure. **B & H Art in Architecture, Ltd.**

1400. Architectural Painting — Figurative, naturalistic, and architectural painting; reproduction and original work, commercial and residential. Free literature. **Belle Calin Arts**

480. Beveled & Leaded Glass — For doors, windows, and room dividers, stock or custom. Also makes doors in various species. Free brochure. **Beveled Glass Works**

7690. Stained & Beveled Glass Doors — Large selection of designs, colors and textures. 25 styles and sizes with round top or rectangular frames; insulated-glass options. Free literature. **Bovard Studio Stained Glass**

19. Original & Historic Murals — Fine decorative painting, including wall finishes and trompe l'oeil. Also, sculpture. **Brushworks, Inc.**

2580. Stained Glass — Designs, fabricates, and installs stained-glass windows. Also offers repair, insurance appraisals, consultation, and protective covering. Free brochure. **Burnham & LaRoche Associates**

237. Forged Furniture and Accessories — Hand-forged beds, tables, lamps, and other furnishings for hotels, lobbies, commercial and residential spaces. **Christopher Thomson Ironworks**

9450. Commercial Display Casework — Traditionally-styled units include lecture podiums and matching credenzas, and retail store casework in oak, walnut, mahogany, and other woods. **Claridge Products and Equipment**

5510. Custom Art Glass — Stained, leaded, etched, and sandblasted architectural glass. Free brochure. **Classic Stained Glass Designs**

8040. Decorative Commercial Interiors — Restoration and custom work for theaters, religious buildings, etc. Painting, plasterwork, glass work. Free brochure. **Conrad Schmitt Studios**

1019. Carved & Etched Glass — Techniques include laminating, fusing, and colorizing glass. **Cornerstone Glassworks**

339. Wallcoverings & Paints — Distributors of Farrow & Ball wallpapers and paints; has 57 English National Trust colors. **Davan Industries — Wallcoverings**

6390. Restoration — Studio specializes in conservation and restoration of architectural elements, sculpture, and fine art. Custom moldings. Free brochure. **Freedman Studios**

2520. Wrought-Iron Furniture — And lighting; chairs, tables, chandeliers, and other fixtures. Free brochure. **Gaby's Shoppe**

292. Murals and Finishes — Decorative painting and finishes; also, digital murals on canvas and architectural 3-D renderings. **Grandes Illusions Studios**

9510. Interior Finish Work — Faux finishing, decorative plasterwork, decorative painting, and all aspects of historic interior work, as well as custom contemporary work. Free brochure. **Intl. Fine Art Conservation Studio**

3800. Sculpture Supplies — Mold-making materials, tools, etc. Free brochure. **JA Sculpture & Casting Supplies**

264. Stained Glass Windows & Domes — Stained glass patterning, fabrication, shipping, and installation; dome capabilities include compound-curved, faceted flat-panel, and barrel vault designs. **Jancik Arts International**

4730. Wheel-Cut Art Glass — Custom wheel-cut glass for residential and commercial interiors. Free brochure. **Lehmann Studios**

1034. Ornament & Sculpture — Firm designs interior and exterior artwork in metal, wood, and a variety of other materials. **LepoWorks, Inc.**

202. Trompe L'Oeil & Narrative Murals — Artist works on wall and ceiling murals for public, corporate, and residential spaces. **Linda Thomas Fine Art & Design**

4340. Sculpture — Representational subjects, interior and landscape sculpture from this artists' studio. Free brochure. **Lohr Studio**

1810. Sculpture Foundry — Investment and sand casting, mold-making, retouching, finishing, mounting, reproductions, restoration, and maintenance services. Free brochure. **Modern Art Foundry**

7640. Decorative Painting & Restoration — Trompe l'oeil, glazing, mural painting, and restoration services that include renewing scagliola and painted surfaces. Free brochure. **Modeworks, Inc.**

7450. Custom Art Glass — Artist works in stained, leaded, sandblasted, and etched glass. Work includes entryways, windows, screens, room dividers, and other elements. Free brochure. **Oxley Glass Studios**

296. Glass Etching — Deep carving and glass etching using sandblasting techniques; for entryways, firescreens, bathrooms, and more. **Pierose Productions**

267. Murals & Painted Signage — Wall murals for homes and commercial establishments; painted art signage and step-and-repeat borders. **Proper Setting**

7930. Stained Glass Studio — Major studio designs and fabricates art-glass panels for residential and commercial buildings. Skilled in restoration and conservation of stained-glass domes. Free brochure. **Reflection Studios**

6240. Stained Glass — Designs, fabricates, and restores stained and leaded, faceted, beveled, and etched glass panels. Free brochure. **Rohlf's Stained Glass Studio**

4710. Trompe L'Oeil & More — Murals, intricate stenciling, glazing, graining, etc. Specializes in recreation of historic ornament. Free brochure. **Lynne Rutter Decorative Painting Studio**

329. Decorative Elements — Art glass, painting, and architectural elements; company specializes in custom designs for commercial and hospitality environments. **Skyline Design**

6480. Decorative Overlay for Glass — Can be applied to safety glass, mirrors, and all types of glass to create a stained glass effect. Free brochure. **Stained Glass Overlay, Inc.**

299. Stained Glass — Restoration of historic stained glass and fabrication of new windows. Free brochure. **Whitney Stained Glass Studio**

DIV. 14 CONVEYING SYSTEMS

3250. Hydraulic Elevator Systems — Custom design, manufacture, and installation for residential applications. Free brochure. **Cemco Lift, Inc.**

9980. Dumbwaiters, Lifts, & Elevators — A wide variety of lifting products for residential applications. Free brochure. **Inclinator Co. of America**

DIVISION 15 MECHANICAL

1725. Victorian Bathroom Fixtures — Antique and reproduction clawfoot tubs, high-tank toilets, pedestal sinks, and brass fixtures. Free catalog. **Bathroom Machineries**

2430. Period Plumbing Fixtures — Reproduction pedestal basins, kitchen and bath faucets, and more. Free brochure. **Baths From The Past**

3760. Hardware & Bath Accessories — Tubs, toilets, bidets, faucets, and other reproduction period hardware and plumbing accessories. Free brochure. **Kolson, Inc.**

DIVISION 16 ELECTRICAL

2240. Carbon-Filament Bulbs — Authentic carbon-filament bulbs furnish the finishing touch for period light fixtures. Free brochure. **AAMSCO Lighting**

7850. Motorized Light Lift — For chandeliers and other fixtures. Allows up to 300- lb. fixtures to be raised and lowered for easy maintenance. Free brochure. **Aladdin Light Lift**

376. Custom Commercial Lighting — Lighting for the hospitality industry; also, grilles, columns, and doors. **Architectural Archive**

60. Reproduction Lighting — Handcrafted 18th and 19th century lighting fixtures: chandeliers, sconces, and table lamps — all of solid brass. Free catalog. **Authentic Designs**

7660. Historic Lighting — Vast selection of highest quality lighting reproductions, from 18th through early-20th century: residential, commercial, and institutional. Standard and custom designs. Free catalog. **Ball & Ball**

2010. Antique Lighting — Custom and antique lighting: chandeliers, sconces, and more. **Brooke Grove Antique & Custom Lighting**

4850. Push-Button Switches — Light switches with plain or ornamented brass and wooden plates. Also, brass molding hooks, decorative tassels, and carbon-filament Victorian bulbs. **Classic Accents, Inc.**

6200. Ceiling Fixtures — Solid brass ceiling fixture with hemispherical frosted glass globe looks like period Art Deco light. Also in polished chrome. Custom metalwork and repairs. Free brochure. **Conant Custom Brass**

7290. Copper and Brass Lighting — Lighting for interior & exterior, including sconces in Leadtex for the tin look in old designs. Copper weathervanes and cupolas also available. Free brochure. **Copper House**

1021. Church Lighting — Specialists in planning, design, and fabrication of church lighting equipment for all architectural styles and budgets. **Craft Metal Products Inc.**

313. Decorative Lighting — Custom lighting in traditional and contemporary styles; historic restoration and reproduction of period fixtures. **Crenshaw Lighting**

1370. Crystal Chandeliers — Also, brass lighting, sconces, and pendants; custom sizes and styles. Many period styles. Free brochure. **Crystorama**

294. Pendants, Sconces, Chandeliers — Company distributes McCloud Lighting; hand-forged pendants, lanterns, sconces, and chandeliers. Also, mirrors and furnishings. **Davan Industries—Lighting**

1022. Lighting & Glass Work — Art glass lighting and related specialties for ecclesiastical spaces. **David Foglia**

375. Original Art Lighting — Wall sconces, including the period style Gothic face sconce. **Great Northern Lighting Co.**

277. Lighting — Lanterns, chandeliers, and many styles and periods of metal lighting fixtures. **Hambel & Assoc.**

9130. Lighting Fixtures & Accessories — Manufacturer of cast light fixtures, posts, bollards, street furniture, antique fence posts, and street clocks. Custom sand casting. Free brochure. **Herwig Lighting**

5280. Victorian Chandeliers — Solid-brass chandeliers and sconces with Venetian crystal; traditional crystal chandeliers. Free brochure. **King's Chandelier Co.**

5090. Reproduction Lighting — Colonial reproduction light fixtures in copper, brass, tin, and iron. Post lanterns, wall lanterns, chandeliers, and candlestands. Custom work. Free brochure. **Lighting by Hammerworks**

273. Period-Inspired Lighting — Handcrafted brass and copper lighting, finished with a range of patinas. **Metro Lighting & Crafts**

5870. Arts & Crafts Lighting — Handcrafted interior lighting in the Arts & Crafts style, including sconces, floor and table lamps, and lanterns. Free brochure. **Mica Lamp Co.**

5030. Arts & Crafts Fixtures — Custom-designed sconces, lamps, and chandeliers in hammered copper and mica. Residential and commercial. Free brochure. **Michael V. Ashford Lighting & Furnishings**

3820. Arts & Crafts Lighting — Table lamps, floor lamps, ceiling and lantern fixtures, all from quartersawn white oak; wide assortment of art glass and mineral mica. **Mission Spirit**

3900. Hand-Forged Lighting — Art Nouveau, Art Deco, and Southwestern themes a specialty; lighting forged in iron, brass, and copper. Free brochure. **New Blue Moon Studios**

5380. Historic Lighting — Interior and exterior lighting in solid brass and bronze, in all traditional styles. Free brochure. **New York Gas Lighting Co.**

800. Lanterns & Sconces — Large selection of Early American lanterns, sconces, and chandeliers for indoor and outdoor use. Constructed from solid copper and brass. Catalog free to professionals. **Newstamp Lighting**

4360. Authentic Reproduction Lighting — Art Deco and other turn-of-the-century lighting fixtures cast directly from original fixtures. Also: Antique fixtures. **Original Cast Lighting**

1045. Glass Lighting Shades — Wide range of shapes and styles of glass shades imported from France. Also works on custom projects. **Otteson Co.**

7530. Traditional Lighting — Brass fixtures handcrafted in classical and Arts & Crafts styles. Free brochure. **Palmer Hargrave Lamps**

289. Contract & Theme Lighting — Company creates lighting with themes including Western and nautical; hospitality and domestic lighting design. **Penrose, Inc.**

301. Designs in 17th-19th Cen. Designs — Handmade chandeliers, sconces, and lanterns in styles from the 17th, 18th, and 19th centuries. **Period Lighting Fixtures Inc.**

7630. Victorian & Craftsman Lighting — Reproduction chandeliers & sconces appropriate for residential, commercial, or government interiors. Historically accurate; solid brass or cast iron. Free brochure. **Rejuvenation Lamp & Fixture**

430. Vintage Lighting — Victorian and Turn-of-the-Century chandeliers and sconces: Gas, oil, and electric. Antique and reproduction fixtures; replacement parts and glass shades. Free catalog. **Roy Electric**

6190. Period Lighting — Authentic handcrafted brass reproduction ceiling fixtures, sconces, and lamps. Gas, electric, and combination fixtures from 1880 to 1930. Custom work. Free catalog. **St. Louis Antique Lighting Co.**

305. Architectural Lighting — All styles of gas and electric lighting fixtures produced from the 1850s through the 1930s; stock more than 800 antique fixtures. **Turn of the Century Lighting Co.**

2990. New Old Lighting — A new line of reproduction lighting fixtures includes wall-mounted torchieres, ceiling fixtures, and Turn-of-the-Century sconces. Free brochure. **Urban Archaeology**

3730. Victorian Lighting Fixtures — Authentic reproduction Victorian and Turn-of-the-Century electric and gas chandeliers and wall brackets. Variety of glass shades. Catalog free. **Victorian Lighting Works**

DIV. 17 ARCHITECTURAL SALVAGE

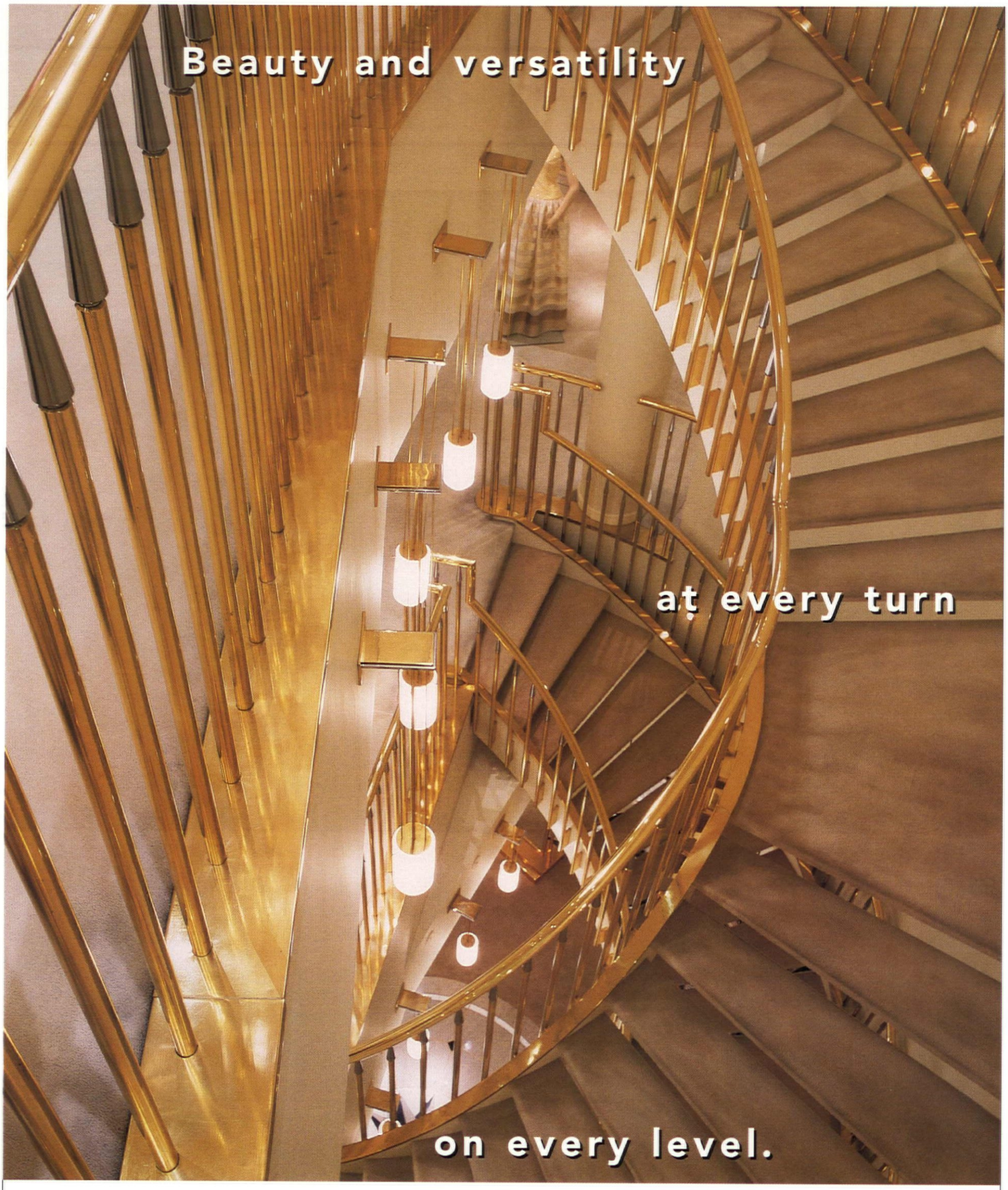
3950. Antique Building Materials — Old floor boards, barn boards, antique glass, hardware, doors, and hand-hewn logs. Boards 4 to 16 in. Old log houses. Free brochure. **Sylvan Brandt**

4310. Antique Hardware — Supplies original curtain tiebacks, door knockers, door hardware, furniture hardware, and twist bells. Free brochure. **Eugenia's Antique Hardware**

372. Antique Office Furniture & Salvage — This architectural salvage company specializes in antique office furniture, c. 1890s-1950s. Also, doors, stained glass, lighting, and more. **Past Present Future**

321. Antique Stoves — Professionally restored gas, wood, and coal stoves from the turn of the century. **Select Stove & Antiques**

4380. Antiques & Curiosities — Tile, terra cotta, architectural salvage and antiques of all kinds. Free brochure. **Tim & Billy's Salvage Store** ■



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WRITE IN NO. 5430

HISTORIC HARDWARE & LIGHTING

AUTHENTIC REPRODUCTIONS AND QUALITY RESTORATIONS



▲ BALL & BALL was selected to restore, replicate and refinish all hardware on 30 historic doors for Princeton University. While there, we found the work to be signed by Samuel Yellin, a renowned Philadelphia metalsmith.

▼ You may have seen this fixture before in our ads. This is a photo of the Light Court of the Rookery Building in Chicago. BALL & BALL restored 10 original Frank Lloyd Wright light fixtures shown here in place.



*AT **BALL & BALL**, WE WON'T STOP WORKING ON YOUR PROJECT UNTIL WE KNOW IT'S RIGHT.*

463 W. LINCOLN HIGHWAY

EXTON, PA 19341

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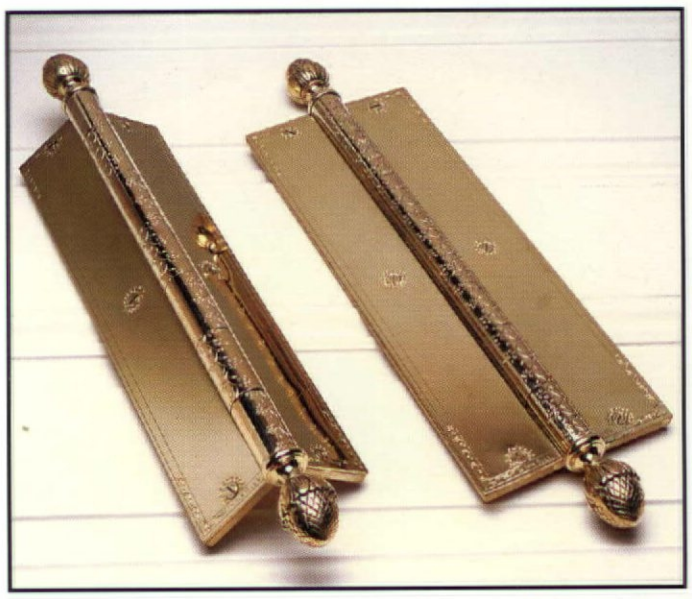
BALL AND BALL
HARDWARE REPRODUCTIONS

BALL & BALL has been making reproductions of the highest quality since 1932. In addition to our stock line of high quality reproductions, we also do custom work of all types. We can copy, restore, modify or refinish almost any piece of historic hardware or lighting fixture.

The photos shown in this ad are from some recently completed projects. BALL & BALL is proud to have been chosen to work on these historically important restorations. Each restoration of this type is very different. Meeting all of the demands of each project takes a great balance of skill, craftsmanship, creativity and common sense. It is very important to understand the original construction methods or finishing procedures before attempting to duplicate them. Without the correct philosophy, the work will come up short. It's that simple.



▲ U.S. Capitol, Senate Chambers. BALL & BALL restored and repaired one original fixture and produced one copy. The replica shown here is so close to the original, from the photo one cannot tell the difference.



▲ Custom-made large concealed screw hinges, with hand-chased design and finial.



▲ Fixture #1003, 13-1/2" x 25" verdigris finish brass lantern. Bottom panel is hinged to allow relamping access. Frosted glass sides and bottom, upper panels are clear to allow uplighting. Produced for the First Presbyterian Church of Evanston, IL.

WRITE IN NO. 2930 FOR HARDWARE & NO. 7660 FOR LIGHTING